

## ADVICE

User's Manual clarifies the agreement between Chery Automobile Co., Ltd. and the User on the product quality warranty responsibility and the establishment and termination of after-sales service rights and responsibilities. Please read this User's Manual carefully before using our products.

## User's Manual for Chery V5

Sincere congratulations on your own of one Chery V5! Also, with great appreciation on your great favor on our company and our products. The personnel of Chery authorized service station are trained with good professional trainings, which will sincerely provide you with the top quality services.

Chery V5 features advanced technology and prominent performances. Your choice of Chery V5 will prove that you have extra-high requirements on the vehicle performance and design.

Please read this manual carefully, since the information contained in this manual can let you understand how to operate and maintain your vehicle properly so as to achieve the driving pleasure to the maximum extent.

This user's manual applies to the Chery V5.

Chery Automobile Co., Ltd.

This manual is established based on the detailed conditions of V5 vehicles manufactured by Chery Automobile Co., Ltd., which only applies to the V5 vehicles manufactured by Chery Automobile Co., Ltd. This manual included the latest information up to the date when this manual is printed. Chery Automobile Co., Ltd. will be wholly responsible for the modification and explanation of this manual and reserved the rights for product replacement after the print of this manual without any prior notice. Some pictures in this manual are illustrations for reference only. The real article should take precedence in case of any conflict between the pictures and the real articles.

This manual is the main evidence for vehicle quality warranty and first free maintenance. Please keep this manual in your vehicle so that it's available whenever you need it. When to resell this vehicle, please hand over this manual and all the documentation attached with this vehicle to the new owner so that they are available whenever the new owner needs them.

## Special Statement

Please make sure to read this manual before using this product.

Chery Automobile Co., Ltd. (hereafter referred as "Our Company" or "Chery Company") defined the technical maintenance regulations of the new vehicle run in and of maintenance at various stages for the products, of which including the first 5,000 km maintenance. Please make sure to abide by above regulations since above defined maintenances are vital to the safety operation and the maintaining of good running conditions of your vehicle.

Your claim right will be forfeited in case of the failure of your vehicle or vehicle parts that arising from the abuse, negligence, improper use, the maintenance not in accordance with the specified mileage/period, or the warranty evidence not signed or stamped in accordance with the requirements, or any unauthorized refit/attachment. Therefore, any direct or indirect warranty application thereof will

not be accepted by the Chery authorized service station.

Any problems of Our Company's products during use must be overhauled by the Chery authorized service station. During the overhaul process, Chery authorized service station is entitled to decide based on the conditions to perform the repair by means of repair or the replacement of equivalent parts.

If you encountered anything unclear during the careful reading of this manual, Chery Company and Chery authorized service station will give you the detailed explanation. Also, the precious advices of vast users are highly welcomed.

**Wish you pleasant driving!**

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**Chapter 1**  
**Summary**

### **Before reading this User's Manual, you should understand following things.**

Thanks for your purchase of Chery vehicle. In order to operate your vehicle properly and guarantee your rights and benefits, please spend some time to read this manual carefully.

This manual provides the important instructions and hints on the daily driving and regular maintenance and care, with the purpose for your familiarity with the operation of your vehicle. Only the more understanding to your vehicle can guarantee the safety and economy of the

vehicle driving as well as enjoy the pleasure thereof.

Any improper operation may damage your vehicle as well as may be deprived of your claim right.

The periodical maintenance to your vehicle will help maintain the driving performance and used value of your vehicle. The Chery authorized service stations all over the country boasted numerous repair experts to provide you with service anytime. The repair personnel of all authorized service stations, who passed the professional trainings, can properly repair your vehicle and vehicle equipment. The spare parts in Chery authorized service station are of Chery genuine spare parts.

### **■ Equipment Scope**

This manual defined the maximum possible equipment scope installed in accordance with the series V5 model plan till the print date, namely for all the standard equipment and optional equipment in series V5 model, some equipment may be supplied in the future or may be only available in certain markets. Therefore, some items in this manual may not apply to your vehicle.

### **■ Alarm Symbols within This Manual**

During the vehicle operation, how to reduce the damage to the vehicle and the vehicle equipment and how to avoid the person injury? In this manual, the answer for such question is included in the



explanation for the alarm symbols with triangle. Please read carefully and abide by the contents thereof.



The equipment marked with asterisk (\*) is only used in lot size on certain model structures, which is supplied as optional equipment for some models or is only available in certain markets.



When this symbol is present on the vehicle, make sure to read the related chapters of this manual before any operations.



We must contribute our responsibility and liability in the working of environmental protection. It's the important step to achieve such objective by operating your vehicle properly and

disposing the used cleaning articles and lubricating materials in accordance with the laws and regulations. This manual displayed the information on this aspect by means of tree symbol.

### ■ New Vehicle Inspection

Before deliver the vehicle to you, the dealer of Chery Company has already performed the vehicle inspection in accordance with the regulations of Chery Automobile Co., Ltd. The dealer of Chery Company should fill in the vehicle delivery date in the "Vehicle Delivery Inspection Certificate" column of this manual and seal with the stamp of dealing agency.

The dealer should verify the entire vehicle performance and introduce the operation knowledge of the vehicle against the "Chery Vehicle Sale & Delivery Card" that to be dually signed by the salesman and the user.

### ■ Run in of New Vehicle

Due to the manufacture and assembling deviations, the friction resistances between the moving components of the new vehicle at the initial stage of operation will be much greater than the ones of normal condition. The run in effects of the vehicle at the initial stage of operation will exert great influence on the use lifetime, working reliability and economy of the vehicle, therefore, the use of new vehicle must abide by the run in

regulations strictly.

### **Run in Regulation within 1,000 km**

- Full speed driving is absolutely prohibited.
- Generally, do not drive the vehicle at the speed above 100 km/h.
- Avoid driving at the top speed at whichever gear.

### **Run in Regulation from 1,000 km to 1,500 km**

- Increase to the top speed gradually or drive at the allowable max engine speed.

### **Notice during Run in Period**

For the driving of vehicles with engine

tachometer, the allowed short period top engine speed is 6,000 r/min. During the manual gearshift, make sure to shift to the next high gear when the engine tachometer indicator reached red indication area at the latest.



Avoid the running of engine at unnecessary high speed. The earliest shift to high gear will help save the fuel, reduce the working noise as well as diminish the environmental pollution.

The engine speed should not be excessive low during driving. Shift to proper gear at reasonable time.

When at cold condition, do not run the engine at top speed no matter at neutral gear or any other drive gear.

The new tires don't have best adhesion at

the beginning of use; therefore, the tires also need run in. The vehicle speed should be relative low during first 100 km driving and the driving should be extremely careful.

The new brake friction lining also needs run in, since the brake doesn't have ideal friction force during first 200 km driving. During this period the brake effects are a little poor, therefore the pressure on brake pedal may be reasonably increased. Such condition also applies to the each time when replaced with new friction lining.

When the new vehicle traveled for 800km, the wheel nuts must be re-tightened to the specified torque. Please refer to the chapter "Specification and Parameters" of this manual for correct torque values. Also,

if the wheel has been replaced or the wheel nuts have been loosened, then the wheel nuts should be re-tightened in accordance with the specified torque after traveled for 800km.

### ■ “One-To-One” Service

In order to provide you with better service and vehicle use, the dealer of Chery Company will appoint one service counsel to serve you at the purchase of your vehicle. In case of any problems during your vehicle use, you may contact your service counsel, who will provide you with best services.

### Vehicle Delivery Inspection Evidence

This is to certify that this vehicle has completed the vehicle delivery inspection defined by Chery Automobile Co., Ltd. and its quality met with the technical specification of Chery Automobile Co., Ltd.

Vehicle Delivery Date: \_\_\_\_\_

**Dealer Stamp:**

Vehicle Register No.:

Vehicle Owner Name (Unit) Responsible Service Station Name

\_\_\_\_\_  
\_\_\_\_\_

Address \_\_\_\_\_ Responsible \_\_\_\_\_

\_\_\_\_\_

Tel: \_\_\_\_\_ Tel: \_\_\_\_\_



**Vehicle Delivery Date**

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**Dealer Stamp**

**Model:**

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**Engine Serial No.:**

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**Transmission Serial No.:**

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## Chery Vehicle Sale & Delivery Sheet

| Catego<br>ry               | No. | Item   | Whether inspected OK and<br>clearly explained |                             |
|----------------------------|-----|--|---|-----------------------------|
| Entire Vehicle Performance | 1   | Engine   | Yes <input type="checkbox"/>                  | No <input type="checkbox"/> |
|                            | 2   | Engine oil, brake liquid, steering liquid, coolant, battery liquid, windscreen cleaning liquid.  | Yes <input type="checkbox"/>                  | No <input type="checkbox"/> |
|                            | 3   | VIN number, engine serial number, nameplate and other identifications  | Yes <input type="checkbox"/>                  | No <input type="checkbox"/> |
|                            | 4   | Entire vehicle locks   | Yes <input type="checkbox"/>                  | No <input type="checkbox"/> |
|                            | 5   | Entire vehicle lamps, including head lamp, turn lamp, fog lamp, combined lamp, compartment lamp, brake lamp, backup lamp, tail lamp, reading lamp, door lamp, and instrument lamp. | Yes <input type="checkbox"/>                  | No <input type="checkbox"/> |
|                            | 6   | Windscreen glass and body paint  | Yes <input type="checkbox"/>                  | No <input type="checkbox"/> |
|                            | 7   | Speedometer, engine tachometer, odometer   | Yes <input type="checkbox"/>                  | No <input type="checkbox"/> |
|                            | 8   | Hub cap, spare tire in luggage boot, vehicle attached tools and entire vehicle operation manual  | Yes <input type="checkbox"/>                  | No <input type="checkbox"/> |
|                            | 9   | Safety belt, seat, cigarette lighter, A/C switch and vent, glove box and sun visor.  | Yes <input type="checkbox"/>                  | No <input type="checkbox"/> |
|                            | 10  | Glass lifter, rear view mirror, wiper, washer, horn, sunroof, backup radar, vehicle telephone, radio (CD player) and antenna.  | Yes <input type="checkbox"/>                  | No <input type="checkbox"/> |

## Summary

|  |                              |  |                              |                             |
|--|------------------------------|--|------------------------------|-----------------------------|
| Operation Knowledge  | 1                            | 93# gasoline fuel                                      | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
|  | 2                            | Normal operation during run in.                        | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
|  | 3                            | Operation of entire vehicle lamps                      | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
|  | 4                            | Meaning of alarm indicators                            | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
|  | 5                            | Correct maintenance period and mileage                 | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
|  | 6                            | Vehicle maintenance items in winter and summer.        | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
|  | 7                            | Correct understanding of cooling system/coolant usage. | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
|  | 8                            | Correct operation of A/C                               | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
|  | 9                            | Notices for vehicle start                              | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
|  | 10                           | Correct operation of audio equipment                   | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| 11   | Correct operation of sunroof | Yes <input type="checkbox"/>                           | No <input type="checkbox"/>  |                             |
| <div> Salesman Signature: Date: User Signature: Date: </div> |                              |  |                              |                             |

## “One-To-One” Counseling Service Card

User Name: \_\_\_\_\_ Vehicle Purchase Date \_\_\_\_\_

Sales Agency: \_\_\_\_\_ Model: \_\_\_\_\_

Vehicle VIN Number: \_\_\_\_\_

Following items should be validated by the user:

I. Related items confirmation at vehicle delivery (“√” for Yes as “×” for No)

- ☐ Basic vehicle operation method has been introduced and the onsite delivery inspection is certified OK.
- ☐ Quality warranty policy has been introduced.
- ☐ Vehicle driving notices has been introduced.
- ☐ The importance of vehicle periodical maintenance and maintenance period/mileage has been introduced.
- ☐ The importance of vehicle maintenance/repair at Chery authorized service station has been noted.
- ☐ User’s Manual has been handed over and the reading is reminded.
- ☐ The function and operation method of service hotline of Chery Company has been noted.

II. “One-To-One” counseling service mode introduction (“√” for Yes as “×” for No)

- ☐ Contact the service counsel instead of anyone else in case of any problems or needs.
- ☐ The service counsel appointed by the service station is the exclusive person to communicate and contact with the user.
- ☐ One user is only served by one service counsel: “One-To-One”

- ☐ User may choose other service counsel when dissatisfied with current service counsel.

III. Major job introduction of service counsel (“√” for Yes as “×” for No).

- ☐ Repair maintenance service reception
- ☐ Complaint acceptance
- ☐ Periodical maintenance reminding visits
- ☐ Repair/Maintenance counsel explanation
- ☐ Periodical greeting visits
- ☐ Repair/maintenance reservation acceptance
- ☐ Service activity reminding visits
- ☐ Annual authentication reminding/acceptance
- ☐ Important festival greeting
- ☐ Other activities of user’s needs

IV. Establishment of “One-To-One” counseling service relationship.

Form One

Service Counsel Card

User Signature/Date: \_\_\_\_\_ Service Counsel Signature/Date: \_\_\_\_\_

## “One-To-One” Counseling Service Card

User Name: \_\_\_\_\_ Vehicle Purchase Date \_\_\_\_\_  
Sales Agency: \_\_\_\_\_ Model: \_\_\_\_\_  
Vehicle VIN Number: \_\_\_\_\_

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IV. Establishment of “One-To-One” counseling service relationship.

Service Counsel Card





User Signature/Date: \_\_\_\_\_





Service Counsel Signature/Date: \_\_\_\_\_








# Interior Device Operation and Adjustment







## Common Vehicle Symbol Instruction







| Symbol  | Definition                            |
|---|---------------------------------------|
|  | Engine self-examination trouble light |
|  | Glass lifter switch prohibited        |
|  | Rear fog light                        |
|  | Front fog light                       |
| A/C   | A/C system                            |







| Symbol  | Definition                      |
|---|---------------------------------|
|  | Anti-lock brake system          |
|  | Safety warning                  |
| <b>EPC</b>  | Throttle trouble indicator      |
|  | Cigarette lighter               |
|  | Brake trouble system alarm lamp |

| Symbol  | Definition   |
|---|--|
|  | Position lamp  |
|  | Engine oil pressure alarm lamp                         |
|  | Coolant temperature overheating alarm (red indicator)  |
|  | Coolant temperature normal indicator (green indicator) |
|  | Luggage boot door opened                               |

## Interior Device Operation and Adjustment










| Symbol  | Definition              |
|---|-------------------------|
|  | Battery                 |
|  | High beam lamp          |
|  | Low beam lamp           |
|  | Head lamp switch        |
|  | Parking brake indicator |
|  | Lock indicator          |

| Symbol  | Definition                        |
|---|-----------------------------------|
|  | Fasten the safety belt            |
|  | Danger alarm lamp flash           |
|  | Power + pole                      |
|  | Air bag trouble indicator         |
|  | Low fuel level alarm indicator    |
|  | External rear view mirror heating |




| Symbol  | Definition                        |
|---|-----------------------------------|
|  | Windscreen cleaning               |
|  | Horn                              |
|  | Seat heating                      |
|  | Windscreen defrosting             |
|  | Rear windscreen heating indicator |
|  | External air circulation          |



## Interior Device Operation and Adjustment

| Symbol  | Definition  | Symbol  | Definition                     | Symbol  | Definition               |
|---|---|---|--------------------------------|---|--------------------------|
|  | Unlock indicator                                  |  | Interior lamp switch indicator |  | Internal air circulation |
|  | Door and luggage boot cover not closed alarm lamp |  | Sound alarm                    |  | Air bag identification   |
|  | Vehicle maintenance indicator                     |  | Right turn indicator           |  | Left turn indicator      |

## Interior Device Operation and Adjustment

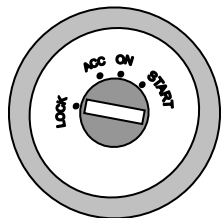
| Symbol  | Definition                           |
|---|--------------------------------------|
|  | Transmission gear position indicator |
|  | Backup radar distance display        |
|  | Fuel consumption display             |

## **Chapter 2 Interior Device Operation and Adjustment**

## Interior Device Operation and Adjustment

### Steering Ignition Switch

### Wheel/



The combined steering wheel lock/ignition switch has following key positions:

**LOCK** - Ignition switch is turned off as the steering wheel is locked.

When the key is pulled out from the ignition switch, the steering wheel lock will actuate to lock the steering wheel.

In order to lock the steering wheel, rotate the steering wheel once after the withdrawal of the key, till the engagement sound as the steering wheel is locked.

**ACC** – Unlock of steering system.

When the circuits of the electrical accessories are turned on, the small electrical appliances such as interior lamp can be operated, however the ignition switch and the main electrical circuits are all turned off.

If it fails or has difficulty to rotate the key from the **LOCK** position to such position, the lock mechanism of the steering wheel can be released by rotate the steering wheel around slightly.

The ignition switch key should not be left at such position overlong so as to avoid the depletion of the battery power.

**ON** – All electrical circuits can operate once the ignition circuit is turned on. The alarm lamp and the indicator will light. This is the normal position of key during driving as well as the position must be selected during vehicle towing.

**START** – Turn on the start motor and start the engine.

When the key is at such position, the front headlamp and the electrical devices with higher power consumption will be turned off.

The ignition switch is equipped with repeated start proof device internally. Once the engine is running, such device can prevent the mis-start of the starter so as to avoid the damage to the starter and the engine flywheel.

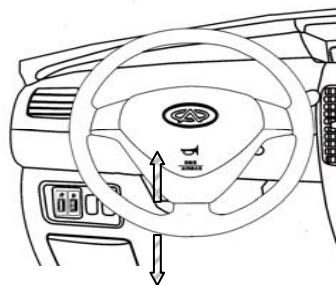
If the start fails, then it's must to rotate the ignition key to **LOCK** position before rotate to this position for restart. After start, the key will bounce back to **ON** position when the key is released



The key must be released once the engine is started. Do not hold at the **START** position for much longer.

### Adjustment of Steering Wheel


## Interior Device Operation and Adjustment Horn



In order to drive the vehicle safely and comfort, sometimes the height of the steering wheel should be adjusted. At such time, pull downward the adjustment handle under the steering pillar cover to release the handle and then the steering wheel can slide up-and-down. After adjusted to position, pull upward the adjustment handle to lock position and lock the position of steering wheel.

**Do not adjust the steering wheel during driving.**



Press the button with  mark on the steering wheel to operate the horn. The horn is still operational under the status that the ignition switch is turned off.

## Windscreen Wiper and Washing System



In cold season, make sure to check if the wiper blade is frozen onto the windscreen before using the wiper. If frozen onto the windscreen, then it's the must to defreeze the blade before use; otherwise it will cause the damage of the wiper motor.

If the windscreen has obstacles such as snow accumulation, the operation of wiper will also cause the damage of the wiper motor.

Please remove the obstacles before the operation of the wiper.

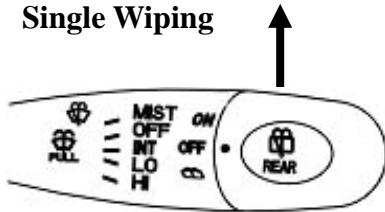
Do not operate the wiper on the dry windscreen; otherwise the windscreen glass will be scratched and it will cause permanent damage to the wiper.

The wiper can be actuated only when

## Interior Device Operation and Adjustment

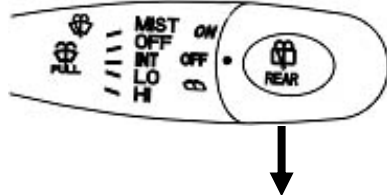
the ignition switch is turned on. The front windscreen switch totally has 5 positions and will stop at OFF position when unused.

### Single Wiping



Pull the control lever upward to MIST gear and the control lever will return to OFF position automatically upon release. The wiper will operate only once.

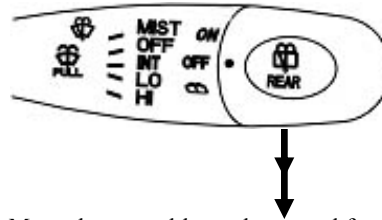
### Intermitt Wiping



Move the control lever downward from OFF position to INT gear after passing through one position.

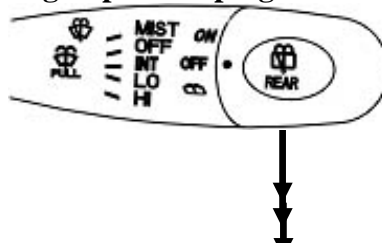
The wiper controller will operate automatically once for every certain interval.

### Normal Wiping



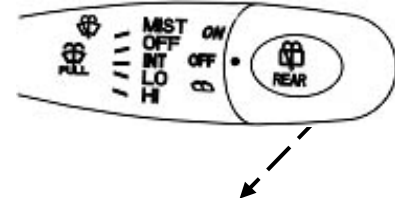
Move the control lever downward from OFF position to LO gear after passing through two positions.

### High Speed Wiping



Move the control lever downward from OFF position to HI gear after passing through three positions.

### Water Spray Switch



When pull the switch handle toward the steering wheel and hold, the cleaning liquid will be sprayed out from the water spray opening in front of the windscreen and the wiper will operate accordingly. The water spray will stop spray upon release of the switch and the wiper will continue the operation for several cycles.

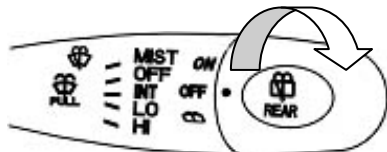
# Interior Device Operation and Adjustment



The operation period of water spray should not exceed 10 s for each time.

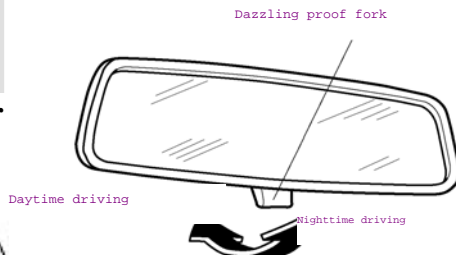
This operation is absolutely prohibited when the reservoir has no cleaning liquid; otherwise it may cause the damage of the water spray motor.

## Rear Windscreen Wiper Switch



The wiper will start working when rotate the switch head to the **ON** position and will stop working when rotate to the OFF position. **When rotate the switch head downward from the OFF position and hold, the rear windscreen water spray will start working and the rear windscreen wiper will act accordingly. The switch will return to OFF position automatically upon release of the switch.**

## Interior Review View Mirror



When to reduce the dazzling during driving at night, pull the adjustment lever backward to adjust the angle of the rear view mirror.

## Sun Visor

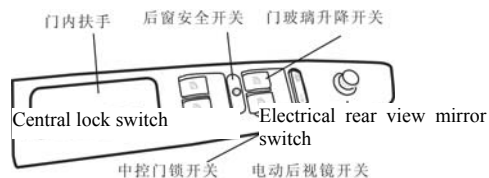
The sun visor can be released from the fixing clip and rotate towards the side

window.

The back of the sun visor can store the things such as driving license and bridge & road passage fee invoice.

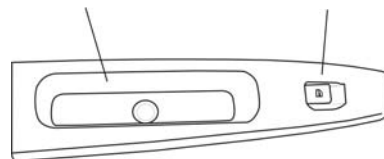
## Door Control Switch

Rear window safety switch  
Interior armrest switch



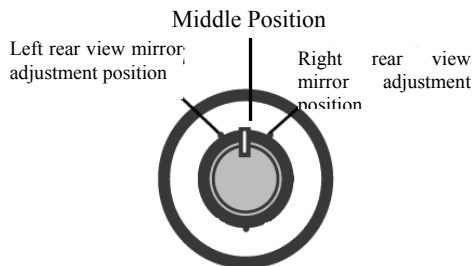
## Rear row passenger switch

Interior armrest Window regulator



## Interior Device Operation and Adjustment

### Electrical External Rear View Mirror

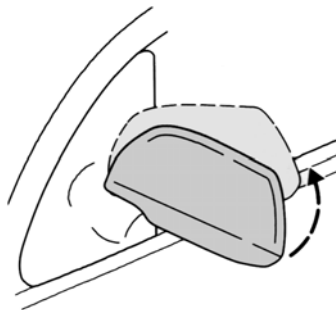


The electrical rear view mirror can be adjusted by the adjustment switch on the driver side door. The adjustment switch will be operational only when the ignition switch is turned on.

Rotate the adjustment switch counter-clockwise to position to adjust the external rear view mirror at the left side; rotate clockwise to position to

adjust the external rear view mirror at the right side.

After rotate the adjustment switch leftward or rightward to position, pull the switch toward front, rear, left, or right direction to adjust the up, down, left or right position of the mirror. At the finish of mirror position adjustment, rotate the switch back to the middle position.



If necessary, such in the narrow space,

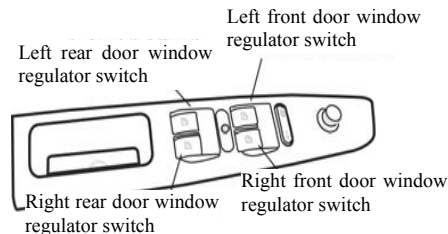
it may fold the external rear view mirror inward manually. When to restore original position, fold the rear view mirror outward till clip into the correct position.



The images in the convex rear view mirror seem smaller and further than the rear things. Notice not to overestimate the real distance of the things.

### Electrical Window

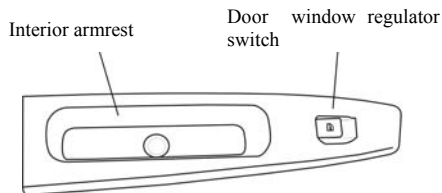
#### Left Front Door





## Interior Device Operation and Adjustment

### Rear Door



The electrical window will be operational only when the ignition switch is turned on.

Each window can be operated by the control switch on the corresponding door trim panel.

Push down or lift up the switch to open or close the window. The window glass will stop at current position when the switch is released during the ascending or descending process of the window glass.

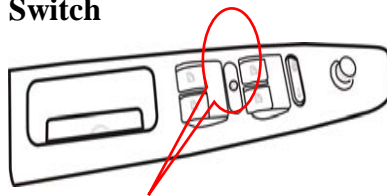
The glass regulator switch has time lag

function, namely the glass regulator switch is still operational within 60 s after the key is pulled out.

Each window glass has one-touch function during the descending of the window glass, namely the glass will descend to the end if the descending switch is pressed for 1 s before release.

Besides the control switch for the driver side window, the driver side door trim panel still has the control switches for other three windows.

### Rear Window Safety Switch



The driver side door trim panel also has one safety switch button. When this button is pressed, the function of the electrical windows for right front door and two rear doors will be disabled. At that time, the open/close of the windows is only controlled by the switches at the driver side. It's recommended to conduct such operation when there has child sitting at the rear row seat.

### Notice:

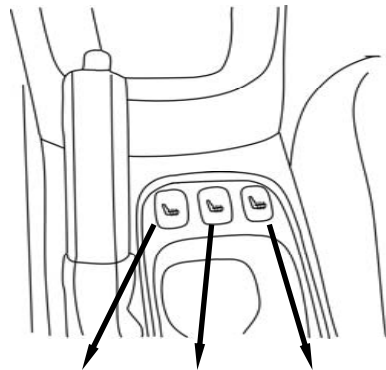
Cautions should be taken when closing the window! The observation should be noticed to avoid the occurrence of the squeezing accident.

## Interior Device Operation and Adjustment

The heater of each seat will work when the corresponding switch is pressed. The further press of the switch will stop the heating.

before releasing. When to empty the ashtray, remove the internal ashtray case to empty.

### Driver \*at Heating Switch ( )



Driver  
side  
heater  
switch

Rear row  
seat  
heater  
switch

Secondar  
y driver  
side  
heater  
switch

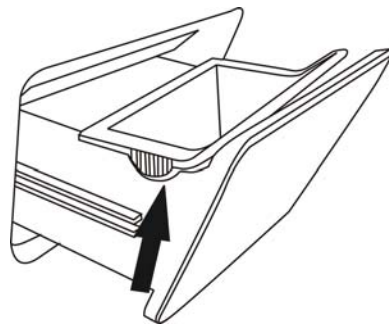
### Front Row Ashtray/ Cigarette Lighter



Front row  
ashtray

Cigarette  
lighter

Located in front of the gearshift lever.  
The ashtray will eject out automatically  
by pulling the cover plate forward once



The cigarette lighter is located at the  
right side of the ashtray. When to use  
the cigarette lighter, push it in and wait  
it to eject out. The cigarette lighter is  
still operational even when the ignition

## Interior Device Operation and Adjustment

switch is turned off.

### Backup Radar System ( )

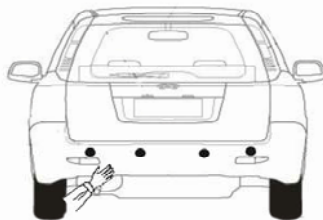
The backup radar assistant system is the device to inform the driver when the rear of the vehicle closes to the obstacles by means of the alarm sound (buzzer) and distance display (display screen). (The following illustrations may differ from the real articles and the real articles should take precedence).

Before use, rotate the ignition key to ON position and pull the gearshift lever to the position of reverse gear. When approach to the obstacle, the central radar probe will have slow intermitted



Do not leave the cigarette lighter at the inserted status for long period so as to avoid the danger. Please remove the cigarette lighter when leaving the child alone in the vehicle.

sound from approximate 90 cm and the left/right rear corner radar probe will have rapid intermitted sound from approximate 60 cm.(It may place the hand at the probe to confirm the detection scope)



Conform the detection scope

Make sure that the slow intermitted sound will change to the

rapid intermitted sound when the hand reaches the central radar probe approximate 60 cm.

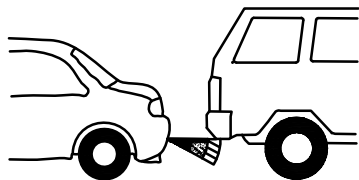
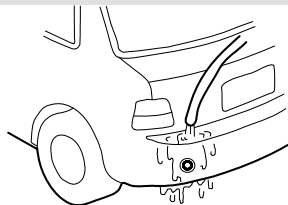
Make sure it will change to continual sound when the hand reaches the radar probe approximate 35 cm. The further approach will have no sound or change to intermitted sound.

The rear of the vehicle is equipped with 4 probes. The detection distance of central parking radar probe is 0~150 cm with the alarm sound comprised of 4 phases; The detection distance of the left/right backup radar probe is 0~90 cm with the alarm sound comprised of 3 phases. The detailed explanation is as follows: (C: Central radar probe; L/R: Left/right radar probe; the distance

## Interior Device Operation and Adjustment

display will take 5 cm as one jump grade. The display will be 120 cm if the real distance is 123 cm.

The parking radar probe will detect the nearest object. It should be noted that it may not detect the bumper of the vehicles with higher body height.



Based on the change of the specification, the contents of this manual may differ from the real vehicle. Please accept our apology.

Wipe with cloth or wash with water (low pressure) the snow or mud that stuck on the surface of backup radar

| Backup Radar Probe Position | Obstacle Distance         | Alarm Sound  |
|-----------------------------|---------------------------|--|
| C                           | Approximate within 150 cm | Slow intermitted sound of "dee... dee... High pressure water flow" |
| C/L/R                       | Approximate within 90 cm  | Slow water flow sound of "dee... dee... dee..."                    |
| C/L/R                       | Approximate within 60 cm  | Rapid intermitted sound of "dee dee dee..."                        |
| C/L/R                       | Approximate within 35 cm  | Continuous sound of "Dee....."                                     |

**The high pressure water flow such as squirt gun or the great foreign force may result the malfunctions.**



Do not apply squeezing or impact on the surface of the radar probe.

If the radar doesn't alarm even closing to the obstacles, please check following items:

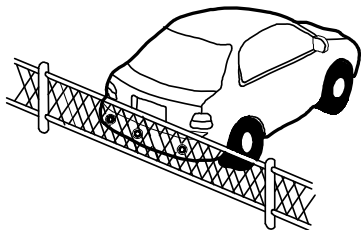
## Interior Device Operation and Adjustment

- Whether the surface of radar probe is stuck with snow or mud.
- Whether the surface of the radar probe is frozen.
- Whether parked the vehicle in hot or cold weather for a long period.

If all above items are excluded, please deliver your vehicle to Chery authorized service station for checking and repair.

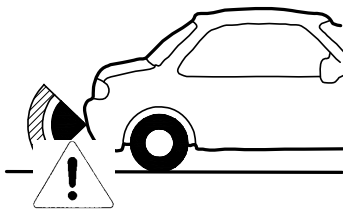
Please notice the following conditions, of which the radar probe may not alarm even closing to the obstacles.

- The thin objects such as steel wire, rope, wire net.



The radar probe may not function below  $-20^{\circ}\text{C}$  or above  $50^{\circ}\text{C}$ .

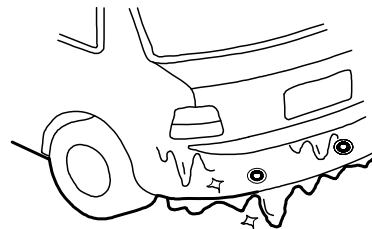
- The short objects such as rock.



- The soft objects that easily absorb the ultrasonic wave such as snow, cotton or sponge.

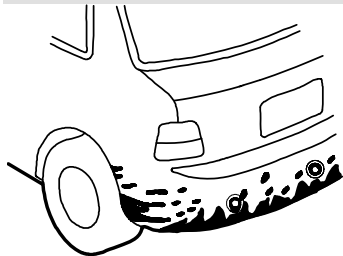


- When the splashed water is frozen on the surface of the radar probe.



- When the radar probe is stuck with snow or mud that covered the backup radar probe.

## Interior Device Operation and Adjustment

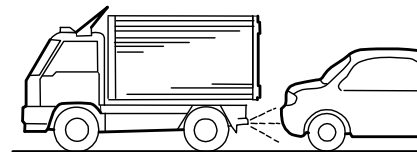
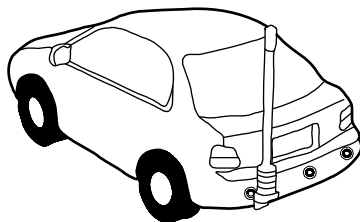


It will not alarm the obstacles out of the detection scope.

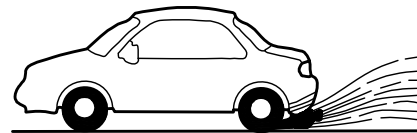


When having several obstacles, the backup radar probe will only alarm the obstacle with nearest distance. During the vehicle movement, please notice that the backup radar probe at another side may approach to other obstacles.

- When using the equipped high output wireless or antenna.

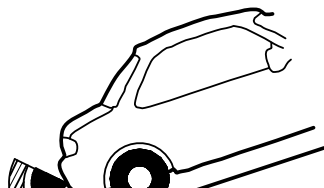


- When driving in the jelly rain or snow.

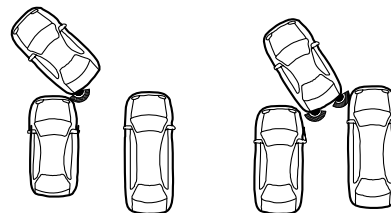


Please notice the following conditions, which may result the wrong detection alarm.

- The thin objects such as steel wire, rope, wire net.

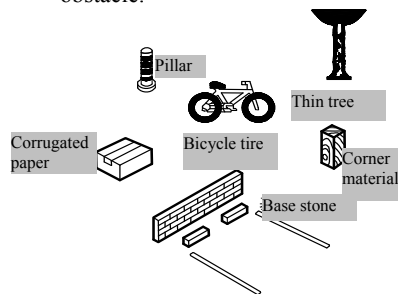


- When encountered the horn of other vehicles, the engine sound of the motorcycle, and the approach of the objects with the issuance of pneumatic braking sound.



## Interior Device Operation and Adjustment

- For the objects that hardly reflect the ultrasonic (as shown in figure below), it may not alarm depending on the shape of the obstacle.

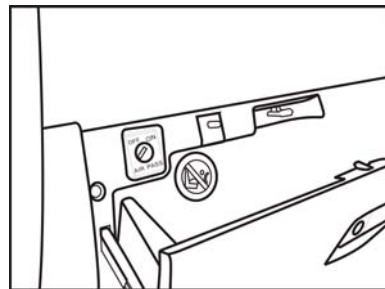


### Front Passenger Air Bag (PAB) Switch

It's not allowed to take child at the front row passenger seat since the blown-out of the air bag will cause certain injury to the child. Therefore, it's recommended not to place the child at the front row passenger seat when taking the vehicle. Please operate in accordance with the following items

when it's must to place the child at the front row passenger seat.

Open the glove box before driving, plug one half of the key into the hole of the front row passenger air bag (PAB) and rotate clockwise to ON position, which indicates that the passenger side air bag circuit is connected and will blow when certain conditions are met; when rotate counter-clockwise to OFF position, it indicates that the passenger side air bag is turned off and will not blow.



In order to remind the driver of the ON/OFF status of the driver/passenger air bag switch before driving, the instrument is equipped with PAB working indicator lamp, which will light to remind the driver of noticing the position of the PAB switch when the ignition switch is turned on.





## Chapter 3   Driving

## Driving

### Start

#### Preparation before Start

The engine start is controlled by the engine electrical control system.

Do not step the accelerator before start and during start when start the electrical injection engine. The accelerator should be used only when having difficult start. Please refer to the section “Engine Start” for the details of vehicle start.



The long period high speed idling running of the engine will result the overheating of the engine and the exhaust system, which may result the danger of fire or other damages. Therefore, do not park, idling run or driving on the ground covered with dry grass and other dry coverings. The exhaust system will increase the temperature of the engine

compartment and the exhaust pipe that may cause fire.



Do not start the vehicle in the closed garage or other closed locations since the vehicle exhaust gas is poisonous. Make sure to open the garage gate before the engine start. Refer to the section “Caution of Vehicle Exhaust Fume” for details.

#### Safety Notice

The idle speed of the engine is controlled by the electrical control system. The idle speed at engine start is relevant high to help increase the engine temperature. The idle speed should reduce automatically when the engine temperature is increased. Please deliver your vehicle to the Chery authorized service station for overhaul if the idle speed can't reduce automatically. Do not run the engine at the speed higher than specified idle speed for more than 10 min.

#### Before Vehicle Start

1. Make sure all passengers are fastened with safety belt. Please refer to the chapter "Seat and Safety Protection Device" for the details of safety belt and its correct operation method.
2. Make sure the front head lamp and other electrical fittings are turned off.
3. Make sure to lift up the handbrake.
4. Make sure that the gear selector lever is at neutral gear or parking gear.
5. Switch the ignition switch to (ON), but not to (START).

If the rotation of the key needs great effort, it may rotate the steering around, till the key can rotate freely. The occurrence of such condition may have following causes:

- Deflection of front wheel.
- The front wheel touched with the road curb.

### Caution of Vehicle Exhaust Fume

In despite of without color or smell, the vehicle exhaust fume contains the carbon monoxide, of which the danger must be cautioned. The certain contents in the engine exhaust gas and the certain chemicals contained or emitted by certain vehicle components may result the carcinogen, the defect of the new born or other damage of the genital system.



If smelled the fume peculiar smell within the vehicle, please deliver your vehicle to the Chery authorized service station for overhaul immediately. Do not continue to drive. The exhaust fume is one poisonous substance that may endanger the life.

The exhaust system and the vehicle ventilation system should be checked under following conditions:

- When the vehicle is lifted for overhaul.

- The steering wheel is rotated during get-on and get-off (self-lock of the steering wheel).
6. At the same time when the ignition key is turned on, make sure that the dashboard alarm lamp lights shortly. If negative, then it needs to deliver your vehicle to the Chery authorized service station for overhaul.

If the driver safety belt is fastened before turn on the ignition key, then the safety belt alarm lamp won't light.

### Engine Start

1. Rotate the ignition switch to the START position but not step down the accelerator (if equipped with automatic transmission, make sure to confirm that the gearshift lever is at P or N gear before start), release the key after the engine start, and the key will return to ON position.
2. IF the temperature is higher than  $-12^{\circ}\text{C}$ , then the engine should not be started within 5 s during

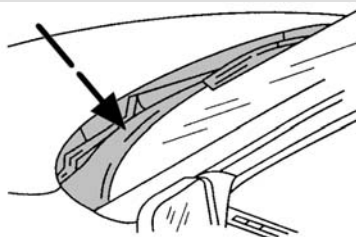
the first start. Instead, it should rotate the key to the OFF position and wait for 10 s before retry.

3. IF the temperature is lower than  $-12^{\circ}\text{C}$ , then the engine should not be started within 15 s during the first start. Instead, it should rotate the key to the OFF position and wait for 10 s before retry. If the two consecutive starts all fails, then step the accelerator to the end and hold before rotate the key to the START position. After the engine start, release the key and release the accelerator pedal slowly following the increasing of the engine speed.
4. After the engine start, run at idle speed for several seconds, step down the clutch, shift to the drive gear, release the handbrake and prepare the driving.
5. The normal environment temperature condition of the engine start is  $-25^{\circ}\text{C}\sim 40^{\circ}\text{C}$  (it may present other abnormal conditions when the environment temperate is out of such scope).

- When the sound of exhaust system is changed.
- When the vehicle is damaged due to the collision.

### Ventilation Notice

When the vehicle is parked in the open field for long period idle or when the persons rest in the vehicle, the window should be opened for at least 2.5 cm. Or open the A/C system ventilation function to let the fresh air into the vehicle.



Clean the snow, leaf fall or other foreign articles that stocked in the air inlet so as to improve the vehicle ventilation capability.

### Engine Control System Adaptive Function

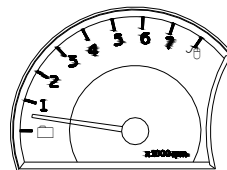
If the battery cable is once removed from the battery before refit, then the vehicle may present some abnormal evidences during the initial period of the driving. This is the engine control system is re-learn to adapt to the engine, which belongs to normal condition.

通风口

### Engine Speed Limit

The engine speed is limited by the electrical control unit (ECU) so as to protect the engine.

### Engine Turn-Off



Release the accelerator pedal. Wait the engine to lower to idle speed and then turn off the ignition switch.



Please do not step down the accelerator pedal before turn off the engine.

After long period high speed driving, do not turn off the engine immediately after parking. Run the engine at the speed higher than idle speed for two

more minutes so as to lower the engine temperature gradually.

Turn off the ignition switch, the temperature will still be very high after the turn-off of the engine and the radiator electrical cooling fan will still keep running. Even the cooling fan stops running, it may run suddenly again due to excessive high temperature. Therefore, cautions should be taken when working near the engine so as to avoid the scalding.

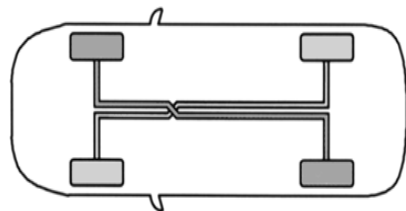


dual-corner dual-circuit brake system. The remaining circuit will still keep effective operation even if one circuit has fault.



In case of the failure of one brake circuit, it will needs more force to step down the brake pedal and the stop distance will be lengthened. In case of the occurrence of such condition, please deliver your vehicle to the Chery authorized service station for overhaul before you continue your journey.

## Brake



### Dual-Circuit Brake System

Your vehicle is equipped with

## Brake Liquid

If the brake system alarm lamp doesn't turn off upon the release of the handbrake, it indicates that the brake system has trouble or the brake liquid level is too low.

The brake liquid level should be checked periodically in accordance with the requirements.



Please refill with brake liquid immediately to maintain the liquid level at **MAX** marking and deliver your

vehicle to the Chery authorized service station for the checking of the brake system.

## Operation Instruction of Brake System

It's quite normal if the brake system issues noise occasionally. The long period grinding or screaming noise between the metal and the metal may indicate that the brake disc was severely worn out and should be replaced. At that time, please deliver your vehicle to the Chery authorized service station for overhaul.

If there have consecutive shake or shock transmitted to the steering wheel during braking, please deliver your vehicle to Chery authorized service station for overhaul immediately.

The new brake lining can achieve best brake effects only after run in. The brake effects may be slightly lowered within the initial 200 km. Under such condition, the brake effects can be compensated by enhancing the proper force on the pedal. This essential point also applies to the new brake lining

after replacement.

The worn-out status of the brake lining depends on the working condition and driving method to large extent. For the vehicles mainly for city transportation, the working condition of the brake lining is relatively poor due to the frequent start and stop. Therefore, make sure to deliver your vehicle to the Chery authorized service station for the checking of brake lining thickness or the replacement of brake lining in accordance with the maintenance mileage specified in the Maintenance.

For downward slope driving, it should shift to low gear at proper time so as to sufficiently take advantage of the brake effects of the engine and reduce the load of brake system. At that moment, the brake pedal should be stepped down all the time even the braking is required.

The moisture brake disc will reduce the brake efficiency. After paddling, heavy rain or car wash, it should step down the brake pedal slightly to generate friction heat between the brake disc and the brake lining so as to evaporate the

water and resume brake effects.



If the vehicle is equipped with front boiler, it should ensure the free airflow to the front brake; otherwise the brake system may overheats due to poor heat radiation to reduce the brake effects.

## Brake Booster:

If the brake booster can't function because the vehicle is trailed or due to its own fault, then it needs to enhance the stepping force to compensate the boosting effects of the booster.

Therefore, it's preferable not to place the foot cushion or other covering on the floor around the pedal. If really needed, then make sure that the placement of foot cushion won't obstruct the pedal movement without any sliding.



All pedals should be stepped down to the end and should fully return with free

The brake booster is subject to the control of engine vacuum booster. This device will act only when the engine is running. Therefore, do not turn off the engine for sliding when driving on downward slopes.

## Anti-lock Brake System (ABS)

The anti-lock brake system can avoid the lock of the wheels that can keep the steering performance of the vehicle even under emergent braking so as to escape the obstacles.

## Reaction of ABS



The anti-lock brake system will not effect under normal brake period and will effect only when the wheels are almost locked. During braking, the pulse movement of the brake pedal together with the noise indicates that the ABS is under working. Such pulse movement and noise are normal. At such moment, do not release the pedal.

### Braking Taking Advantage of ABS

The consecutive stepping down of the brake pedal with full force under emergent condition will actuate the antilock brake system immediately to keep the control of steering. If with enough space, you still can escape the obstacles.

It's recommended that you should get familiar with this brake technology firstly; however, any unnecessary adventures should be avoided.



**Though ABS can ensure the best brake effects,, the stop distance will have great difference depending on the road conditions. The ABS**

**can't always make sure to reduce the braking distance, such as on sand or snow ground, the braking distance of the vehicle with ABS may be much longer than the one of the vehicle without ABS. Also, taking advantage of ABS can't eliminate the dangers arising from the excessive short distance with foregoing vehicle, paddling, excessive fast turn or poor road as well as avoid the accidents arising from the careless and incorrect driving. Please drive carefully and decelerate the driving at turns.**

### ABS Self-Examination

The ABS will conduct the self-examination after the vehicle start. The mechanical noise can be heard during this period, which is quite normal.

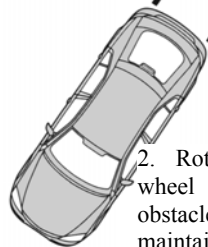


**The lighting of ABS alarm lamp during driving indicates the fault in the ABS system, at that moment the mechanical system can function the normal brake effects,**

which should be noticed during driving. Please contact with Chery authorized service station timely to repair the ABS system.

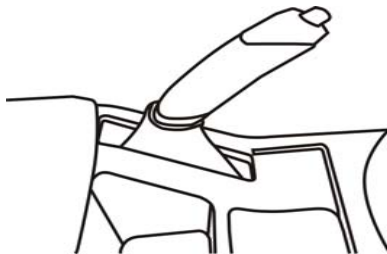
Important Principle of  
Taking Advantage of  
ABS for Braking.

1. Step down brake pedal and hold with full efforts.



2. Rotate the steering wheel to round the obstacle. You can maintain the turn control capability no matter how violent the braking is.

### Handbrake



Pull up the handbrake handle after parking so as to avoid the humping due to temporary carelessness.

The parking brake lamp will light when applied with handbrake under the condition that the ignition switch is turned on.

Pull up the handbrake lever when to use handbrake.

When to release the handbrake, pull up the handbrake lever slightly, push down the release button at the end of the handle and push downward.

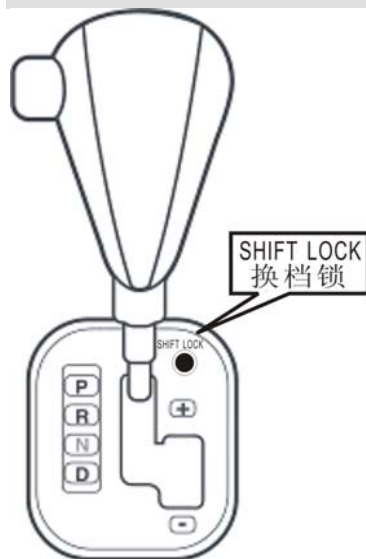
The handbrake is applied on the rear wheels. It can step down the brake pedal at the same time the handbrake is pulled up so that it can pull up the

handbrake much easier.

### Operation of Automatic Transmission (\*)

The automatic transmission in your vehicle is one kind of electrical controlled four-speed transmission with automatic gearshift mode.





**Gear Selector Lever Position**



Make sure to pull up the handbrake handle before leaving the vehicle.

P = Parking

R = Reverse Gear

N = Neutral Gear

D = Drive Gear

+ = Upshift

- = Downshift



This position can be shifted to only when the vehicle is completely still.

## **P = Parking**

Under such position, the output shaft of the transmission is locked and drive wheel can't rotate.

The gear selector lever can move out from such parking position only when the brake pedal is stepped down and the ignition switch key is at ON position.

## **SHIFT LOCK = Gearshift Lock**

When to move the gearshift lever without the stepping down of the brake pedal, please push down SHIFT LOCK (gearshift lock) key.

## **R = Reverse Gear**

This position must be shifted to during backup.



When need to use gear R, please shift gear R position after the vehicle is completely still; otherwise it may damage the transmission. Chery Automobile Co., Ltd. will not be liable for the warranty of such malfunctions.

## **N = Neutral Gear**

Such position can be shifted to only when at engine start or idle speed. At such time, no power will be transmitted to the drive wheel.

## **D = Drive**

The gear selector lever position during automatic driving.

## **Manual Gearshift Mode**

+ = Upshift    - = Downshift

The gear selector lever shift position under manual drive mode.

## **Operation Notices:**

1. The engine can start only when the transmission is at "P" or "N" position.
2. The manual gearshift mode can only be shifted to when the gear selector lever is at position D.
3. When to shift to manual gearshift mode, please shift the gearshift lever rightward to position; It will be automatic gearshift mode if the gearshift lever is always at left.
4. Under the manual gearshift mode, shift the gear selector lever towards + mark to upshift the transmission to the next high gear; shift the gear selector lever towards - mark to downshift the transmission to the next low gear.

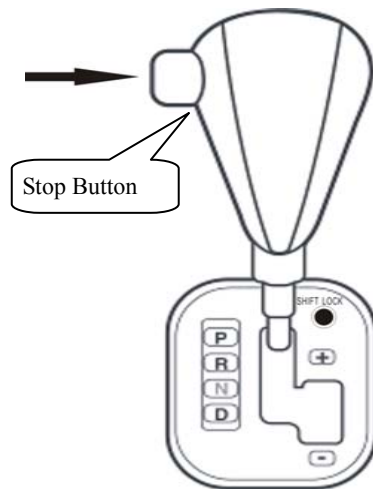
5. Under manual gearshift mode, the selected gear can be accepted only when the gearshift request conforms with the requirements of the transmission controller.

6. The braking no matter under manual gearshift mode or the automatic gearshift mode can achieve the automatic gearshift function without any gearshift operation;

7. The gear selector lever at “N” or “P” position during driving is strictly prohibited; otherwise the transmission will be damaged, for that Chery Automobile Co., Ltd. will not be liable for warranty.

8. In order to avoid the mis-operation of the gearshift lever, please check if the operating lever is shifted to the correct position; After operation, make sure to check the position of gear selector lever by means of the instrument display.

### Gear Selector Lever Lock



When to shift the gearshift lever from “P” to “R”, from “N” to “R”, or from “R” to “P”, make sure to step down the brake and push down the stop button (shown in above figure) on the gearshift lever handle to relieve the gearshift lever lock. When to shift from “N” to “D”, make sure to step down the

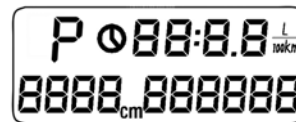
brake pedal, disregarding the push-down of the stop button on the gearshift lever handle; It's unnecessary to push down the stop button when shift the gearshift lever within other positions.

### Gear Display

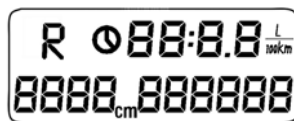
When the ignition switch is turned on, the gear selector lever position will be displayed on the central screen of the dashboard.

The display of various gears is shown in following figures:

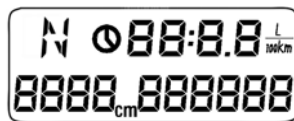
#### Display of P Position:



## Display of R Position:



## Display of N Position:

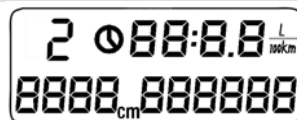


## Display of D Position:



## Display of Manual Mode:

Under manual gearshift mode, the selected gear by the driver will be displayed in digit type in the display screen. The figure takes gear 2 for instance.



## Start

Keep the engine at idle speed, step down the brake pedal, move the gearshift lever to drive gear, release the brake pedal slowly, at the same time step down the accelerator pedal slightly and the vehicle will start drive slowly.

Under special conditions (such as on the road covered with snow and ice), it may select gear 2 under manual gearshift mode as the start gear.



The vehicles with automatic transmission can't be started by trailing or pulling the vehicles. Please conduct jumper start by means of connecting the jumper cable to the support battery.

## Forced Downshift (Kick Down)

This automatic transmission has internal nominal Kick Down mode. When on upward abrupt slopes or at overdrive, the transmission will shift to low speed gear from high speed gear automatically by stepping down and holding the accelerator pedal to the end at gear D so as to achieve the require great torque.

The vehicle will shock slightly at the same time when at forced downshift for acceleration, which is the effects of forced downshift instead of the engine acceleration tremble. All above are related to the rapid stepping down of accelerator, which are the important driving essentials the driver must master.

It's difficult to downshift for acceleration if stepping down the accelerator slowly. If stepping down the accelerator to the half or two third of stroke, it's impossible to obtain sufficient acceleration horsepower (torque), even though it can obtain the increasing of some horsepower (torque). That's the cause why the customers

complained low horsepower (torque) during driving. In addition, when stepping down the accelerator slowly for acceleration, the engine tremble will even get bigger. Therefore, it should be avoided.

### Midway Stop

When encountered with the red light or any other conditions that required the temporary stop, release the accelerator pedal and step down the brake pedal, with the gear selector lever remained at current position. When start again, release the brake pedal and step down the accelerator pedal.

### Driving Essentials on Various Road Conditions

It's recommended to use gear D and step down the accelerator to the end rapidly to obtain better acceleration performance on the flat roads with small gradient.

It's recommended to use gear 3 or gear 2 under manual gearshift mode and step down the accelerator pedal rapidly

to obtain better acceleration performance on the roads with medium gradient.

It's recommended to use gear 1 or gear 2 under manual gearshift mode instead of gear D and step down the accelerator pedal rapidly to obtain better acceleration performance on the roads with large gradient.

On downward slopes, the overlong persistent braking period will result the weakening of the brake performance due to overheating. At that moment, the engine brake should be sufficiently utilized to reduce the vehicle speed.

The engine brake is the braking effects achieved by means of the low gear speed ratio of the engine deceleration and transmission in such manner of shifting the transmission to low gear and releasing the accelerator pedal during journey. The lower the gear is, the better the engine braking effects are. It's recommended to use gear 2 or gear 1 under manual gearshift mode on the downward slopes with extreme large gradient or length.

For the downward slopes with extreme

large gradient, in order to obtain the bigger braking effects, please use manual gearshift mode and shift to lowest gear before downward slopes.

If the drive wheel is entrapped in the mud or the snow, try to shake the vehicle by repeated forward/backup. Shift the gear selector lever between "D" and "R" repeatedly and step down the accelerator pedal slightly. In order to enhance the effects, it may shift to "R" when the vehicle is still moving forward and vice versa. The long period gearshift (shaking) between forward and backup should be avoided, which will result the excessive worn-out of the transmission. The shaking period should not exceed one minute. Try to keep the engine at low speed as far as possible during shaking.



During the high speed vehicle driving, the gearshift to the low gear will result the great impact to the engine and the transmission that will result the damage of the engine and the transmission. The low gear should be shifted to only when the vehicle speed is lowered to the speed

allowable for downshift.

## Operation of Automatic Transmission (\*)

Use/Operation Method and Notices:

- During gearshift, fully step down the clutch pedal to release the driver from the engine torque and then operate the gearshift lever for gearshift rapidly.
- The low speed gear should be used for downward slopes and turns. The slide with disengaged clutch is not allowed.
- When shift the transmission from low gear to high gear, do not conduct gear skip operation; otherwise the service life of the synchronizer will be affected.
- The forced gearshift by means of synchronizer to start the engine under neutral gear and engine flameout status is strictly prohibited; otherwise the service life of the synchronizer will be

affected.

- The flap method (namely the operation method of one pulling and one releasing) is strictly prohibited during gearshift. Please always hold the transmission lever with hand so as to greatly reduce the slide and friction time and the worn-out of the synchronizer lock ring.
- Do not leave your hand on the gear selector lever during driving; otherwise it will result the early worn-out of the gearshift fork.
- In case of the detection of any abnormal evidences such as abnormal noise of the transmission or the obvious heavier operation during use, please stop the vehicle for inspection immediately and continue the driving once the trouble is resolved.

## Steering

In order to avoid the damage of power

steering system:

- The time when rotating the steering wheel to the end (to left dead point and right dead point) should not exceed 10 s during engine running.
- When the power steering liquid in the power steering liquid reservoir is lower than MIN mark, please refill with power steering liquid immediately. Do not drive the vehicle before refill.

In case of trouble of power steering system or the turn-off of the engine, the vehicle will lose the steering boost. You still can rotate the steering wheel, provided with great strength.

In case of vehicle deflection or tremble during the driving, please check the following items:

- Whether the tire pressure is insufficient.
- Whether the tire is worn evenly.
- Whether the suspension components is loosened or worn out.

- Whether the steering components is loosened or worn out.
- Whether the wheel alignment is correct.

## Paddling

If it's must to paddle during journey, make sure to drive slowly and carefully, especially when having no knowledge of the water conditions. Do not drive forward further if the water can submerge the wheel hub.

During paddling, the traction force and the brake performance of the vehicle will be lowered and the vehicle will have the danger of flameout.

In case of the water ingress into the intake pipe of the engine, it will cause the serious damage of the engine. The deeper paddling will result the water ingress into the transmission through the transmission air vent, which will result the damage of the transmission.

After paddling, make sure to drive slowly and step down the brake pedal slightly for several times to remove the

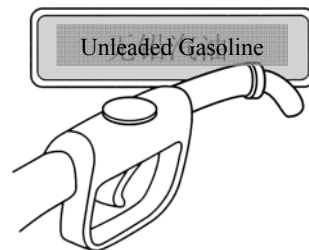
water from the brake. The water on the brake will lower the brake performance.

## Three-Way Catalytic Converter

The catalytic converter will help reduce the pollution of exhaust gas.



**Make sure to use unleaded fuel. The leaded fuel will result the permanent damage of the catalytic converter and the oxygen sensor. Chery Automobile Co., Ltd. will not be liable for any damages arisen from the use of leaded fuel. Such damages are excluded from the warranty scope. If you refill with leaded fuel accidentally, please contact with the nearest Chery authorized service station.**



The vehicles with gasoline engine are equipped with narrow refill opening that only accommodates the unleaded gasoline pump refuelling gun nozzle.



During the running of the gasoline engine, it's absolutely not allowable to pull out the high voltage line of the ignition coil. Check if the engine functions normally by means of cylinder flameout method or observe the jump spark condition of the spark plug; otherwise the three-way catalytic converter will be damaged.

## Notice:

The three-way catalytic converter will be getting very hot if the engine is under continuous running, therefore, notice to wear the protective glove during repair so as to avoid the scalding.

## Drive the Vehicle Equipped with Catalytic Converter



In case of the evidence of poor engine ignition or the lowered performance during driving, please drive at low speed to the nearest Chery authorized service station. Do not drive at large accelerator.

Please avoid the condition that will result the ingress of the un-combusted or partial un-combusted fuels into the catalytic converter, especially when the engine is at high temperature.

## The following conditions should be avoided:

- Run out of fuel.
- Unnecessary long period start of

the engine.

- Run the engine under the condition that one spark plug cable terminal is removed.
- Start the vehicle with the engine still at working temperature by means of pulling or hauling.
- Turn off the ignition switch during driving.

## Parking

Do not park, idle or drive the vehicle on the dry leaves or grass. Even the engine is turned off, the exhaust within short period will continue the radiation of equivalent heat, and therefore, it still has potential fire danger.

Make sure to turn off the ignition switch before leaving the vehicle. Do not run the engine when no one in the vehicle. The negligence of this point may result the accident movement of the vehicle, which will result the body injury or property damage.

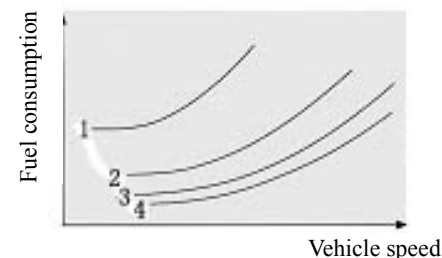
## Chassis Protection

Your vehicle is equipped with heat insulation plate. Do not apply the paint on the body of heat insulation plate, exhaust pipe or catalytic converter or the surrounding areas. Do not disassemble the heat insulation plate.

## Fuel Consumption

The fuel consumption is influenced by following factors:

## Selection of Vehicle Speed or Gear







The above figure illustrates how the fuel consumption is influenced by the selection of vehicle speed and gear. Maintaining at low gear to improve the acceleration performance will result the obvious higher fuel consumption.

### **Stroke                      Distance/Engine Temperature**

The frequent cold vehicle start and the short distance journeys will result the obvious increasing of the fuel consumption.

### **Traffic and Road Condition**

The crowded traffic, upward slopes, multi curved routines and rough roads will cause detrimental influence on the fuel consumption.

### **Good Driving Habits**

The prediction of danger and keeping safe driving distance with foregoing vehicle will not only reduce the fuel

consumption but also reduce the wearing and noise of the brake.



It's recommended to turn off the engine during traffic jam or long period waiting such as red light.

The 3 min engine idle is equivalent to driving for 1 km.

### **Vehicle Load Status**

The increasing of vehicle load will result the higher fuel consumption.

### **Vehicle Technical Status**

The low tire pressure or improper engine and vehicle maintenance also will result higher fuel consumption.

### **Essentials for Fuel- Saving Driving and Environmental Protection:**

- Fuel-saving driving, and use supplementary electrical loads only when needed.
- Start without the heating of the

vehicle.

- Use the accelerator smoothly.
- Shift to next higher gear as soon as possible so as to achieve lower engine speed.
- Prediction of traffic condition.
- Turn off A/C and rear windscreen heating immediately whenever unnecessary.
- Check/adjust the tire pressure periodically.
- Conduct vehicle maintenance periodically, preferable conducted by Chery authorized service station.

## **Radiator Fan**

The radiator fan is of electrical fan with the working condition is controlled by the engine ECU. This switch will automatically turn on the fan circuit when the coolant or the engine compartment reached certain temperature.



After stop the vehicle and the engine, the radiator fan will continue running for certain period since the engine is still under hot condition and will stop running when the engine is cooled to certain temperature. Even though, the fan may still start suddenly in case of the sudden temperature increasing of the engine compartment due to the influence of the ambient environmental temperature (sunshine exposure or high temperature region). Therefore, cautions should be taken when operate in the engine compartment so as to avoid the accident.

and the vehicle speed has no obvious reduction on upward slopes.

### **Instruction:**

If the fan isn't running when the coolant temperature reached the fan start temperature, then check the fan fuse for burn-out. Replace the fuse if necessary.

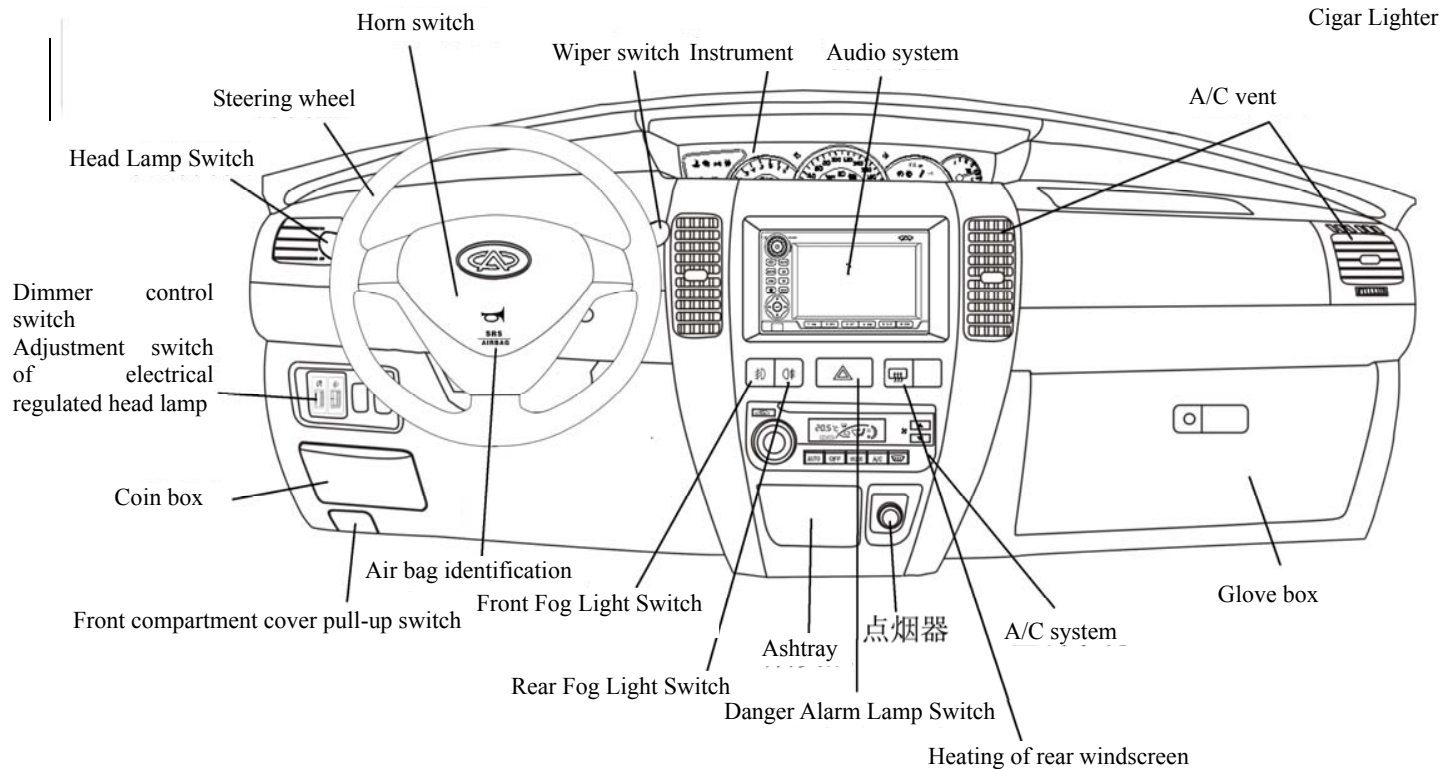
The fan speed is independent of the engine speed and the gearshift to low gear will not promote the cooling effects of the fan. Therefore, it's unnecessary to shift to low gear provide that the engine runs smoothly

## Chapter 4

### Instrument Panel

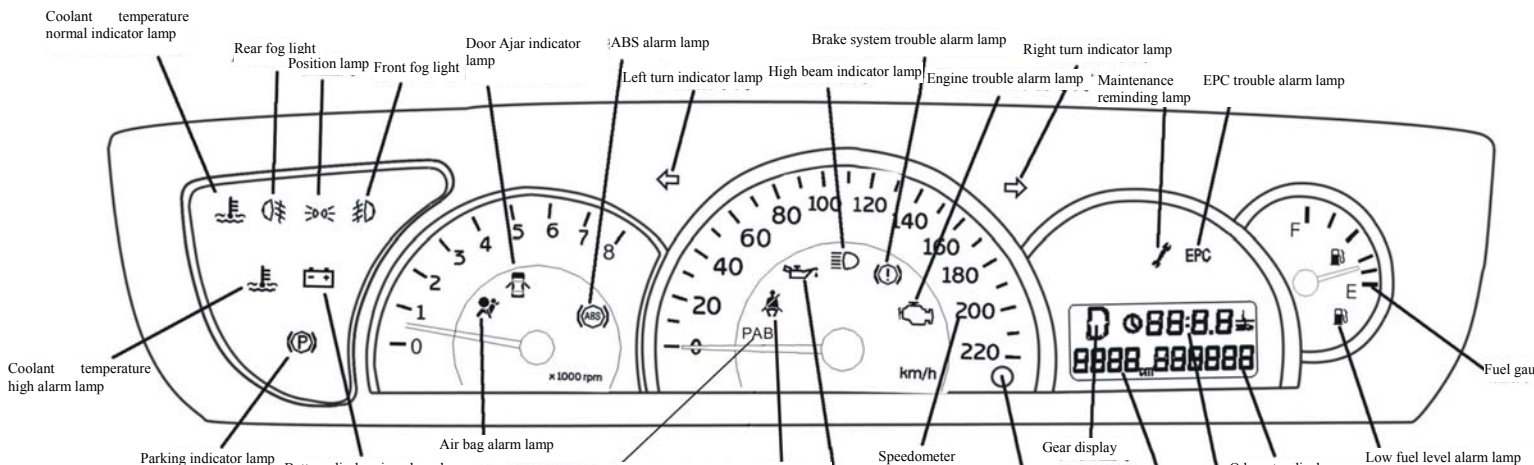
# Instrument Panel

## Instrument



# Instrument Panel

## Instrument (\*)



### Alarm Device

The alarm device is used to indicate the running status of the driver's vehicle and whether the vehicle presents any problem that will result severe damage or injury. If certain system function of the vehicle has fault, the corresponding alarm lamp will light or flash.

When the ignition switch is turned on, most alarm lamps will light shortly to conduct system self-examination. Please deliver the vehicle to the Chery authorized service station to overhaul

related system if certain alarm lamp does not light or certain alarm lamp lights or flashes persistently after the engine is started.

### Low Fuel Level Alarm Lamp



When the fuel volume in the fuel tank is less than 10 L, this lamp will light for alarm and the fuel gage indicator will point to the red alarm line.

Please refill the fuel as soon as possible when the alarm lamp lights.

### ABS Alarm Lamp



When the ignition switch is turned on, this lamp will light shortly and at the same time the ABS system will perform self-examination to determine if the system is capable of normal operation. It indicates that the ABS system has trouble if this lamp lights persistently or flashes when the ignition switch is turned on or when during driving. However, the vehicle still has conventional brake capability (without ABS), unless the brake system alarm lamp is lighting. Under such case, please deliver the vehicle to the Chery authorized service station for overhaul as soon as possible. However, please drive carefully and avoid high speed driving. Please refer to the "Brake" section for the important notices related to the ABS system operation.

## Instrument Panel

### Parking Brake Alarm Lamp



This lamp will take effect when the ignition switch is turned on.

This lamp will keep light when the handbrake is pulled.

### Brake System Alarm Lamp



This lamp will take effect when the ignition switch is turned on. This lamp will light when the brake system has trouble or the brake liquid level is low.

Please check if the brake liquid level is too low when this lamp lights. When the liquid level is low, please immediately refill with the brake liquid to between MIN marking and MAX marking and

send to the Chery authorized service station for checking.



The lighting of brake system alarm lamp during the driving indicates the trouble in one line of the dual brake circuits. In such case, please drive carefully to the nearest Chery authorized service station and ask for the professional personnel for overhaul. In consideration of the severe deterioration of the brake performance and the lengthened brake distance, please keep more distance from the forgoing vehicle during the driving and enhance the pedal pressure accordingly during the braking.

**If the ABS alarm lamp and brake system alarm lamp light persistently at the same time, stop the vehicle immediately on the premise of ensuring the safety. Before continue your journey, please deliver the vehicle to the Chery authorized service station to check the brake system.**

### Parking/Position Indicator Lamp



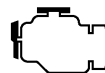
This indicator lamp will light when the position lamp is turned on.

### Seat Safety Belt Reminder Lamp



This alarm lamp will light to remind the driver to fasten the safety belt if the driver safety belt is not fastened under the condition that the ignition switch is turned on.

### Engine Trouble Alarm Lamp



## Instrument Panel

When the ignition switch is turned on, this alarm lamp will light and the engine electrical control system is under self-examination status. The alarm lamp will turn off within 6 s if such system has no trouble. The engine must be checked if the alarm lamp lights persistently.

The lighting of this alarm lamp during driving indicates the trouble of engine electrical control system. Please deliver the vehicle to the Chery authorized service station for overhaul as soon as possible.

### High Beam Indicator Lamp



This lamp will light when using the high beam lamp or when the front head lamp is flashing.

### Turn Signal Indicator Lamp



Comprised of left turn signal indicator lamp and right turn signal indicator lamp. At the same time when the left turn lamp or right turn lamp is turned on, the corresponding turn signal indicator lamp will flash accordingly (relevant slow). The left/right turn lamps and left/right turn signal indicator lamps will flash at the same time when the danger flashing alarm lamp is turned on.

It indicates the trouble of corresponding turn lamp if the flashing frequency of the turn signal indicator lamp is increased two times.

### Air Bag Alarm Lamp (\* )



When the ignition switch is turned on, the trouble alarm lamp will light 3-4 s before turn-off, which indicates that the safety air bag system functions normally. It indicates that there has trouble code if the trouble alarm lamp lights persistently.

It indicates the trouble if this lamp lights during the driving. Please deliver the vehicle to the Chery authorized service station for the checking of this system.

### Low Engine Oil Pressure Alarm Lamp





## Instrument Panel

When the ignition switch is turned on, this indicator lamp will light before turn-off 3 s later.

If this lamp does not turn off 3 s later or this lamp lights during the driving, please stop the vehicle immediately, stop the engine and check the engine oil level.

The indicator lamp will flash for alarm when the engine oil is less than 0.3 Bar and the engine speed is less than 300 rpm.

The indicator lamp will flash for alarm when the engine oil is less than 0.3 Bar and the engine speed is less than 300 rpm.

Please refill with oil immediately if the oil lever is too low.



Please deliver the vehicle to the Chery authorized service station for checking if the engine oil consumption is too fast.

### Generator Alarm Lamp



This alarm lamp will light when the ignition switch is turned on and will turn off when the engine is started.

If this lamp does not turn off or this lamp lights during driving, please stop the vehicle immediately, stop the engine and check the generator belt.

If the generator belt is normal, then continue to drive to the nearest Chery authorized service station for overhaul; however, all unnecessary electrical devices (including A/C) should be turned off since the battery will discharge persistently during driving.

If the generator belt is damaged, then do not continue to drive the vehicle. Make sure to ask for professional personnel for overhaul.

### Coolant Overheating Alarm (Red Indicator)



After the ignition switch is turned on, this lamp will light before turn-off several seconds later. If this lamp does not turn off several seconds later, or this lamp flashes together with buzzer alarm due to overheat coolant temperature or low coolant level during driving, then make sure to stop the vehicle, stop the engine, check the coolant level, and refill with the coolant in accordance with the regulations.



#### Scalding Caution!

The cooling system is under high temperature and high pressure status when the engine is hot. Therefore, make sure to open the radiator cover after the engine is cooled. Do not touch the radiator fan!

### Door Ajar indicator Lamp



Located in the centre of instrument central clock display screen. When the ignition switch is turned on, this lamp will light if whichever one of the four doors is not closed properly.

### Electrical Throttle Trouble

#### Alarm Lamp

## EPC

When the ignition switch is turned on, this alarm lamp will light and the engine electrical control system will perform

self-examination on the electrical throttle. The alarm lamp will turn off if such system has no trouble. The electrical throttle must be checked if the alarm lamp lights persistently.

The lighting of this alarm lamp during driving indicates the trouble of engine electrical throttle. Please deliver the vehicle to the Chery authorized service station for overhaul as soon as possible.

### Maintenance Indicator Lamp



When the odometer mileage reached the preset mileage setting (5,000 km), this alarm indicator lamp will light to remind

the user to perform entire vehicle care and maintenance in the service station.

Such alarm symbol can be cleared manually at the finish of the maintenance.

### Engine Coolant Temperature Normal Indicator Lamp (Green Indicator)



When the ignition switch is turned on, this lamp will keep lighting status that indicates the normal engine coolant temperature, and will turn off till the coolant temperature is overheating. If this lamp does not turn on, please stop the vehicle immediately, stop the engine, check the coolant for overheating temperature or low coolant level, and refill with coolant in accordance with the regulations.

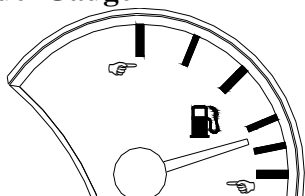
### Passenger Side Air Bag

#### Indicator Lamp

##### PAB

When the ignition switch is turned on, this lamp will light to remind the driver to notice the switch position of the passenger side air bag. If the passenger side air bag switch is at ON position, then this lamp will turn off within 4-5 s after the ignition switch is turned on. If the passenger side air bag is at OFF position, then this lamp will keep lighting after the ignition switch is turned on.

#### Fuel Gauge



Standard fuel tank capacity: 61 L

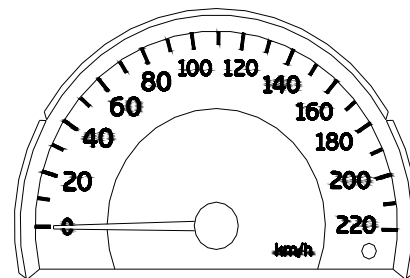
When the pointer reached the fuel empty position “E” (as pointed by the arrow), the fuel tank has approximate 10 L fuel.

The pointer will move from full position “F” after the vehicle with fully filled fuel drives for certain distance.

During the refuelling, the fuel volume that capable of refuelling will be lower than the nominal capacity since the fuel tank has residue fuel.

If the low fuel lever alarm lamp lights, please refill with fuel as soon as possible. Refer to “Low Fuel Level Alarm Lamp”.

#### Speedometer

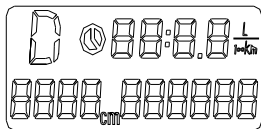


To indicate the current vehicle speed.

#### Notice:

The speedometer is affected by the tire size. Please use Chery genuine size tires, otherwise the speedometer will not display the correct vehicle speed.

## **Transmission indicator, Odometer, and Digital Clock**



The left upper corner will display the current transmission range .

The right upper corner will display the clock, fuel consumption per 100 km, and the trip odometer (switchable). The clock time can be displayed by means of two methods: pointer type and digital type. The right lower corner will display the total mileage. If the vehicle is equipped with backup radar, the left lower corner will display the distance between the vehicle and the object at the rear of the vehicle when shifted to the rear gear.

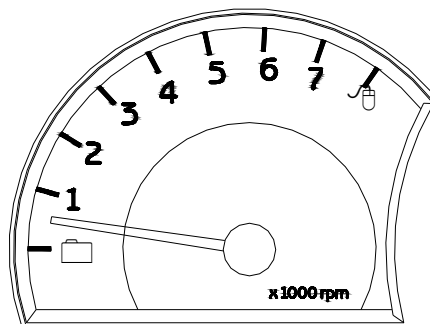
## **The adjustment method of clock is as follows:**

Under the clock display status, the clock can be adjusted by pressing and holding the clock adjustment button on the speedometer. Press the adjustment button to adjust when the hour display is flashing. At the finish of hour adjustment, the minute display will flash after several seconds. At that time, press adjustment button to adjust. At the finish of the adjustment, it will exit the clock adjustment status after several seconds.

## **Instrument Panel The switch method between the clock, fuel consumption per 100 km and the trip odometer is as follows:**

When the ignition switch is at ON, it can switch the display between clock, fuel consumption per 100 km and the trip odometer by pressing the clock adjustment button on the speedometer. Under the display status of trip odometer , the single journey mileage can be reset by pressing and holding the clock adjustment button.

### Tachometer



To display the engine speed ( r/min).

The red area at the right side of the dial indicates the max allowable speed scope within short period under the engine working temperature after run in period.

However, it's recommended to shift the gearshift operating lever to the next high gear or remove the foot from the accelerator pedal at the latest when the pointer reached this area.

#### Notice:

The early shift to the high gear will help save the fuel and reduce the driving noise.

Please shift to the next low gear immediately in case of the detection of unstable engine running.



Do not run the engine at high speed during run in period.

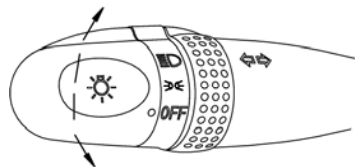


**Chapter 5**  
**Lamp Control**



# Lamp Control


Please abide by related traffic regulations when using the following illuminating equipment.

## Headlamp Switch

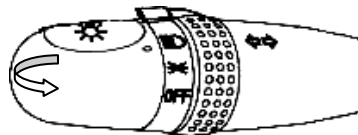



OFF – Turn off the external lamp.

Gear 1  will light the parking lamp/position lamp, the component illuminating lamp such as instrument and switch, and license plate lamp. At the same time, the  indicator in the instrument will light.

Gear 2  will light the front headlamp (low beam or high beam).

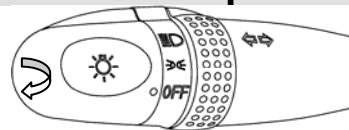
## Headlamp High /Low Beam Selector Switch



Under the condition that the lamp gear 2 is turned on, pull the handle towards the console direction to shift into the high beam lamp after passing through the force application point. When the headlamp high beam is turned on, the high beam indicator  in the instrument will light. Pull the handle towards the steering wheel direction to return to the original position so as to resume the low beam lamp.

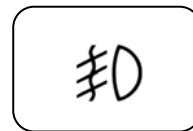
## Flash of Front Headlamp

## Lamp Control



When need the flash of headlamp during the driving, it only pull the handle towards the steering wheel direction to the force application point and then release the handle, which will return position automatically. Repeat such action to flash the headlamp consecutively.

## Front Fog Light Switch



## Rear Fog Light Switch




The front fog light and the rear fog light




## Lamp Control

are located on the central console of the dashboard, the position between the audio equipment control panel and A/C control panel.

When the headlamp switch is at gear 1 or gear 2 position, push down the front fog light switch to turn on the front fog light, but it can't turn on the rear fog light directly. It needs to turn on the front fog light before turn on the rear fog light.

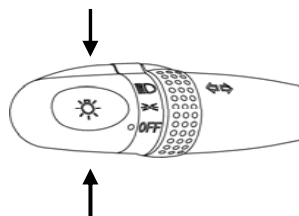
When the front fog light is turned on, the  indicator in the instrument will turn on.

The front fog light should only be used under the conditions that severely affected the visibility, such as fog, snow or rain.

When the rear fog light is turned on, the  indicator in the instrument will turn on.

Since the rear fog light has strong dazzling, it's allowed to use only under the conditions with poor visibility.

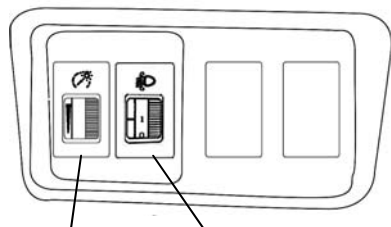
### Turn Signal Lamp



The turn signal lamp will operate only when the ignition switch is turned on. Left turn signal lamp – pull the handle downward.

Right turn signal lamp – pull the handle upward.

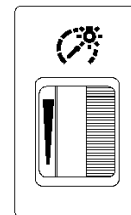
When the turn signal lamp is turned on, the turn signal indicator in the instrument will also flash.



Dimmer  
Switch

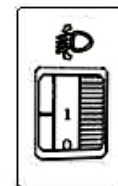
Electric regulated  
headlamp  
adjustment  
switch

### Dimmer control Switch



During the working period of the external lamp, it can use the light dimmer to adjust the instrument illumination strength. Such adjustment switch is located near the adjustment knob of electrical regulated headlamp on the left lower corner of the dashboard.

### Adjustment Switch of Electrical Regulated Headlamp

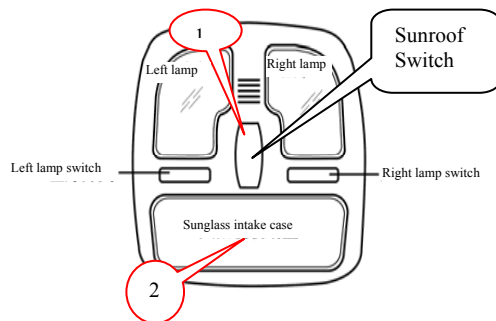


## Lamp Control

The adjustment switch of electrical regulated headlamp is located on the left lower corner of the dashboard.

Such switch has four gears of 0, 1, 2, and 3. The adjustment of four gears can adjust the light type of the electrical regulated headlamp.

### Interior Front Ceiling Lamp and Sunroof Switch (✱)



Press of left switch: The left illuminating lamp will keep illumination. Press again to turn off the lamp.

Press of right switch: The right illuminating lamp will keep illumination.

Press again to turn off the lamp.

### Sunroof Operating Switch

The sunroof can be lifted, opened or closed by means of the sunroof operating switch on the ceiling lamp only when the vehicle key is at vehicle load powered position (namely the vehicle key is shifted to ON position).

#### ✧ Sunroof from Open to Close

□ Press operating switch once to open automatically (One-touch Open): press and hold button ① for 0.5 s and the sunroof will start tilt-down to open automatically. If need to stop the sunroof at certain position in the middle, press the operating switch once again to finish.

□ Press operating switch once to close automatically (One-touch Close): press and hold button ② for 0.5 s and the sunroof will close automatically. If need to stop the sunroof at certain position in the middle, press the operating switch once again to finish.

#### ✧ Sunroof Anti-clip Function (A.T.S)

The sunroof will return automatically when subject to certain resistance force during the sunroof movement from open position (sunroof glass slides into the

vehicle top cover) to close position. The anti-clip function will be actuated when the glass is subject to certain resistance force during the glass movement from open position to close position, in order to prevent the human body portions such as head or hand or other foreign objects from passing through the sunroof during the sunroof movement.

Even though, nobody should protrude the head or hand out from the sunroof during the opening or closing of the sunroof.



#### Warning:

Do not protrude the body portion such as head or hand out of the sunroof when the sunroof is at open status during the driving of the vehicle, since at that time the sudden brake of the vehicle will result sudden safety accident.

#### ✧ Sunroof Tilt Up/Down

□ Sunroof tilt up: Under closed status of the sunroof, press and hold the button ② for 0.5 s and then the rear part of sunroof glass will tilt up automatically.

□ Sunroof tilt down: Under opened

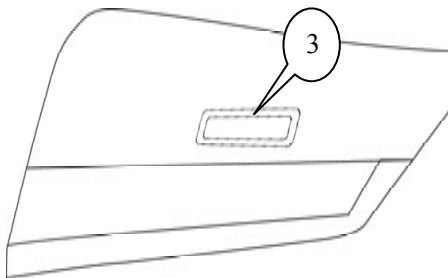
status of the sunroof, press and hold the button ① for 0.5 s and then the rear part of sunroof glass will tilt down automatically (till closed position).



### Notice:

- ▲ The sunroof can't actuate the slide down and the tilt up at the same time, therefore, it can't tilt up when under slide down status as well as can't slide down when under tilt up status. It can actuate the tilt up or slide down after the sunroof is closed.
- ▲ When the sunroof is fully opened or close, do not continue to hold the button, otherwise it may result the damage of sunroof motor and the module.
- ▲ Clean the dust and foreign matters remained inside of the sunroof track and rubber strip with water periodically.
- ▲ The start of sunroof under the condition that the sunroof glass is frozen or covered with snow may damage the sunroof glass and motor.

### ✧ Operation of Sunroof Sun Visor



The position of sunroof sun visor is as shown in figure 3. The sun visor will open automatically following the sunroof when the sunroof is opened. If needed, please open or close manually the sun visor when the sunroof is fully closed. (Note: Do not close the sunroof sun visor with force when the sunroof is opened.)



### Notice:

- ▲ Make sure to close the sun roof properly when leaving from the vehicle, otherwise it will leak under raining.
- ▲ Wipe dry the water on the sunroof glass before use after the vehicle washing or raining. The water accumulated on the vehicle top may flow into the

✧ Please contact with the Chery authorized sales and service station when you found following evidences (The evidences resulted from the loss of initial memory of sunroof module):

- ① Sunroof can't be fully closed and opened or expanded. Some had shaking evidence during the movement from open position to close position.
- ② The open or expansion or close of the sunroof can reach the original preset position.
- ③ The sunroof can't conduct one-touch open and one-touch close functions.
- ④ The sunroof module can't control the movement of the sunroof.

## Lamp Control

### Interior Lamp Rear Ceiling

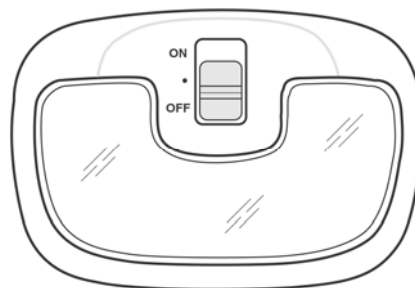
### Luggage Boot Illuminating Lamp



Notice: The following operations will result the lost of sunroof module initial memory.

- ▲ During the vehicle maintenance, such problem will present when the battery is replaced or the power supply is pulled out under the condition that the sunroof not at initial position.
- ▲ When plug/unplug the power supply of the module during the sunroof movement.
- ▲ When the sunroof controller failed to resume its normal position.
- ▲ There are many causes that may result the lost of module initial memory, which are omitted herein.

- ✧ When the ignition switch is turned off and the ignition key is pulled out, the sunroof will close automatically if the sunroof is at open position.



When the slide switch is at OFF position: The illuminating lamp turns off.

When the slide switch is at ON position: The illuminating lamp will keep illuminating.

When the slide switch is at middle position (door control position): The interior lamp will light when the door is opened and the interior lamp will keep illuminating for 15s before turn off when the door is closed so as to facilitate the seating of the passengers. If the key is at ON position, the interior lamp will light when the door is opened and will turn off immediately without any time lag function when the door is closed.

Such lamp will light when the luggage boot cover is opened (This lamp is not subject to the control of ignition switch). Please notice to close the luggage boot cover securely after parking.

### Key Hole Illuminating Lamp

The key hole illuminating lamp is installed neighbouring the ignition key hole. When whichever front door is opened, the illuminating lamp will light before turn off 6s later so as to assist the driver to insert the ignition switch, or such lamp will turn off when the key is rotated to "ON" position.

### Danger Flash Alarm Lamp Switch



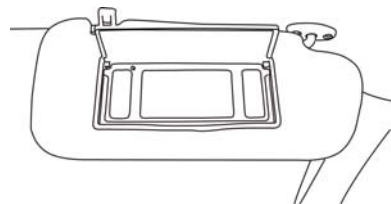
This switch is located on the instrument central console, the position between the audio equipment panel and A/C control panel.

This alarm lamp should be used only under emergent conditions so as to alarm the following vehicles that this vehicle has trouble or danger. Push down this switch to turn on/turn off this system.

The danger flash lamp is operational when the ignition switch is turned off.

The indicator on the switch will flash after the alarm lamp is turned on. Also, the left/right turn indicator lamps of the combined instrument will flash at the same time.

### Cosmetic Lamp



When the driver/passenger side sun visor is lowered, this cosmetic lamp will light once cosmetic mirror cover is opened.

### Brake Lamp

The brake lamp will light when the brake pedal is stepped down and will turn off when the brake pedal is released.

### Backup Lamp

The backup lamp will light after the ignition switch is turned and the vehicle is shifted to reverse gear and will turn off when the ignition switch is turned off or the vehicle is shifted to other gear



## Chapter 6 Door Lock and Anti-Theft

# Door Lock and Anti-Theft

## Vehicle Key and Remote Controller





The key and remote controller adopted the integrated design that capable of operating all locks on your vehicle. The new key is available in Chery authorized service station in case you lost your key. The second key should be kept in the safe place for emergent need.

The key will pop up from the inside of the remote controller by pressing the

key popup key on the remote controller. At the complete of use, you may fold the key back to facilitate your ce



All doors of this vehicle can be operated by means of the key, remote controller or the control switch at the driver side door trim simultaneously. All doors can be opened or locked outside of the driver side door by means of the key.

All doors will be locked at the same time when the lock button  on the driver side door trim is pressed. All doors will be unlocked at the same time when the unlock button  on the driver side door trim is pressed.

The safety switch button of all doors will move **upward** during unlock. The safety switch button of all doors will

## Door Lock and Anti-Theft

move **downward** during lock. Also, it can lock the door by pushing down the safety switch.

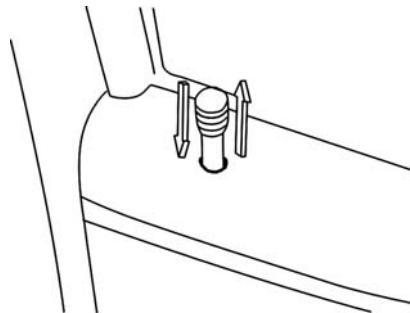


In order to avoid the ingress of foreign force into the vehicle during driving, please drive your vehicle with the doors fully locked.

### Door Lock

The front doors can be locked and unlocked from outside by means of the key. It can use the door handle to unlock from the inside of the vehicle.

When to lock the rear doors, push down the safety switch and close the doors when leaving the vehicle. However, in consideration of the safety, it's preferable to close the doors by means of the remote controller.







## Door Lock and Anti-Theft

the vehicle.

### Open Luggage boot Door

The  or  key can be used to lock or unlock the doors and the luggage boot at the same time. However, when to open the luggage boot door, it's the must to open the door by opening the pulling handle of the luggage boot door lock manually.

The luggage boot can be unlocked or locked by using the key. When at unlock, rotate the luggage boot lock with key in clockwise direction; Rotate in reverse direction when at lock. However, it's the must to pull open the opening handle of the luggage boot with hand when to open the luggage boot.

The luggage boot lamp will automatically light after the luggage boot is opened.

### Child safety lock

The upward switch of the rear door child safety lock switch can activate the child safety lock, in such case the door can only be opened from the outside. The downward switch of child safety lock switch can cancel the child safety lock.

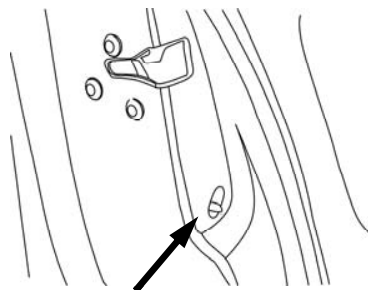
The figure illustrates the unlock position of the child safety lock. The child safety lock will be locked when switch the child safety lock fork upward. Only the two rear doors have the child safety lock.

In hot days, the vehicle interior temperature will increase rapidly after the engine flameout. The person or animal may be injured or event to death (including brain death) when left in hot environment, even within short period. This is extremely dangerous to the baby and child. Therefore, The vehicle interior should be checking before lock and do not leave the bay and child or animal in



The doors will be locked automatically when the vehicle speed reached 35~45 km/h. Each engine start will only have once automatic lock function. If the central lock function is activated or relieved when stop the vehicle during driving, then it has no automatic lock function when the vehicle reached 35~45 km/h again. The lock will be automatically relieved after parking and engine flameout.

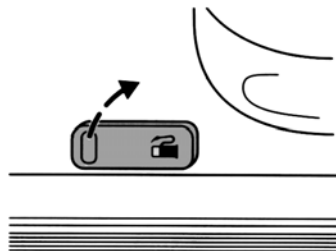
### Rear Door Child Safety Lock



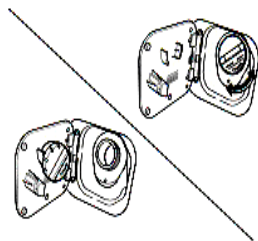
儿童安全锁

## Door Lock and Anti-Theft

### Release Rod of Filler Cap



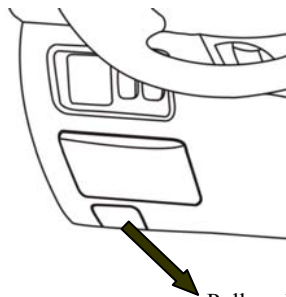
Pull up the release rod at the left of the driver seat to open the filler cap.



As shown in the figure, the screwed off

fuel tank cap can be placed on the filler cap.

### Open Engine Compartment Cover

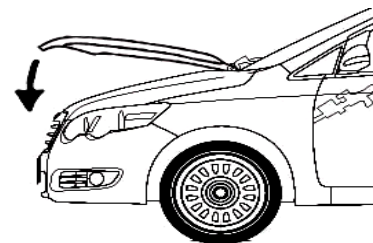


Pull up here outward

1. The pulling handle of engine compartment cover is located on the left lower corner of the instrument panel. The engine compartment cover will bounce up for certain length by pulling the pulling handle rearward.
2. Stand at the front of the vehicle, dive into the hand from the lower portion of front end of the engine compartment cover till touch the

pulling handle of the engine compartment cover, pull the pulling handle upward and at the same time lift up the engine compartment cover. Pull up the release handle to open the engine compartment cover lock.

3. Lift up the engine compartment cover and support securely with support rod.
4. When close the engine compartment cover, firstly lower the engine compartment cover to approximate 20~30 cm to the cover lock and then release to fall into the claw to close.



5. After the engine compartment cover is closed, make sure to try to lift up the compartment cover to ensure if the engine compartment cover lock is fully

## Door Lock and Anti-Theft

engaged.





Make sure to lock the engine compartment cover securely during driving. In case of the detection that the engine compartment cover is not closed securely during driving, stop the vehicle immediately and close it securely.

### Remote Control System with Anti-Theft Function (\*)

The effects of this system are to stop the unauthorized personnel to open the door, luggage boot or the engine cover.



If the  or  key is pressed accidentally (it's not necessary to point the key to the vehicle, such as in the pocket), the door or luggage boot door will be opened.


The operation distance of the remote controller is approximate 6 m. The remote controller may not function


normally when the distance between the vehicle and the remote controller is above such distance.



The interfered remote control frequency may result the unlock failure of the vehicle; under such case, you may lock/unlock the vehicle by using the key. Other short-distance wireless emitters may also use the emission frequency (such as amateur wireless radio, medical equipment, wireless earphone, remote controller, alarm system).

### Door Lock & Unlock

When press  key on the remote controller once, all doors and the luggage boot will be locked, at the same time the direction lamp will flash once and the alarm horn will alarm once. So that the anti-theft function is

activated. When press  key, all doors and luggage boot will be unlocked and at the same time the direction lamp will flash twice. So that, the anti-theft system is disabled.

The vehicle can't not actuate the anti-theft function when pressing the remote controller if the doors, front compartment cover or luggage boot is not fully closed.

The actuation failure of anti-theft system will have following evidence:

- ① Left/right turn lamps will flash twice consecutively.
- ② Body anti-theft horn has no alarm.

### Alarm

The left/right turn lamp will flash for consecutive 28 s and the body anti-theft horn will alarm for consecutive 28 s when any unauthorized persons tried to open the door, luggage boot and engine hood.

### Remote Controller Battery Replacement

The battery should be replaced if the action distance of the remote controller is shortened gradually (battery type: 3V CR 2032).

Perform in accordance with following steps:

1. Open the remote controller unit from the side clip with flat nose tool.
2. Pry out the battery carefully. Install the new battery between the two terminals with the symbol (+) facing upward.
3. Install the remote controller unit in reverse order.



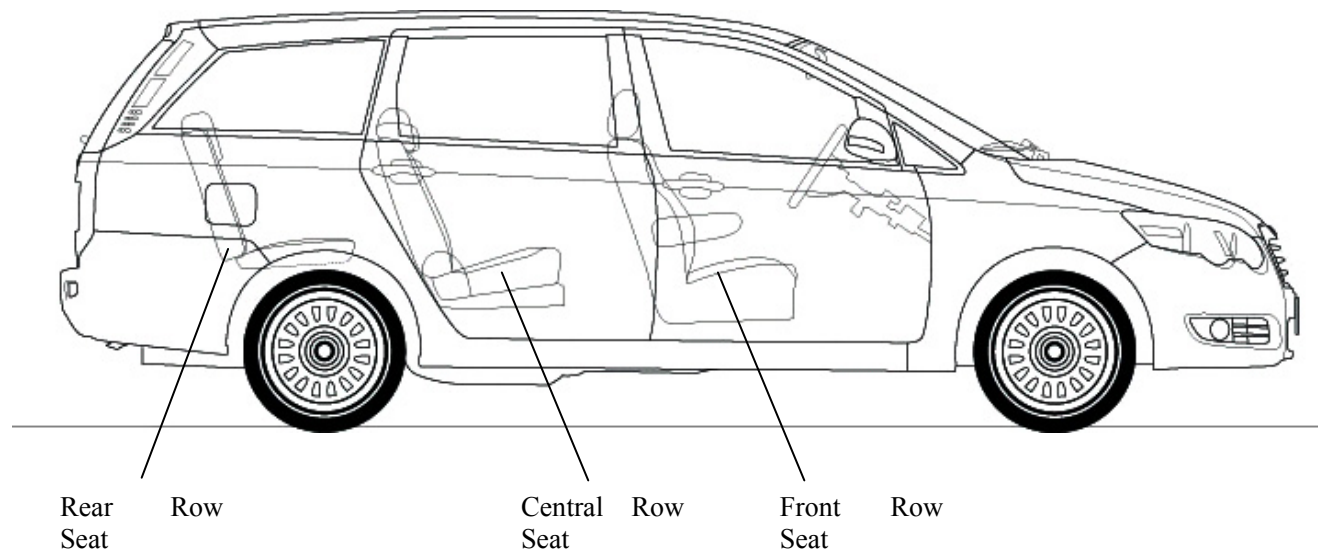
The used lithium battery can't be disposed as household waste. Please dispose the used battery in accordance with the regulations of environmental protection.



The anti-theft system will enter anti-theft mode only under the conditions that all doors, engine hood and luggage boot are properly closed. After the vehicle body entered into normal anti-theft mode, ① Four doors are locked; ② Front anti-theft indicator of the dashboard will flash consecutively.

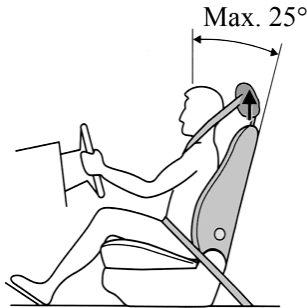
## Chapter 7    Seat and Safety Protection Device

# Seat and Safety Protection



# Seat and Safety Protection

## Seat



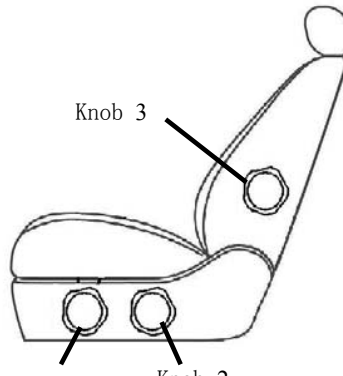
### Correct Sitting Posture

Seat, headrest, seat safety belt and air bag can help protect the passenger and will provide you with multi protection if utilized sufficiently. Therefore, please abide by following items:

- Adopt vertical sitting posture; the lower end of the back should lean backward as far as possible with the seatback inclination should not exceed 25 degrees.

- Adjust the headrest properly to level the top end of headrest to the top end of the head.
- Do not make the front seat close to the dashboard too much. Grasp the steering wheel with slightly bended arm during driving. The foot should also be slightly bended so that it's capable of stepping down the pedal to the end.
- The seat shoulder safety belt should cline and pass aslant through the chest after passing through the middle of external shoulder. Do not pass the safety belt through the neck; the waist safety belt should cline transversely through the hip instead of the stomach.

### Driver Side Seat Adjustment



The external side of the driver side seat cushion has three adjustment knobs with the detailed functions as follows:

Knob 1: Used to adjust the elevation of cushion front end.

- Rotate the knob clockwise with hand to move the cushion front end upward as rotate the knob counter clockwise to move the cushion front end downward.

Knob 2: Used to adjust the elevation of cushion rear end.

- Rotate the knob clockwise with hand to move the cushion rear end upward as rotate the knob counter clockwise to move the cushion rear end downward.

Knob 3: Located at the external side of the seatback to adjust the waist cushion.

- The waist cushion can be jacked or retracted by rotating the knob, till reach the ideal position.

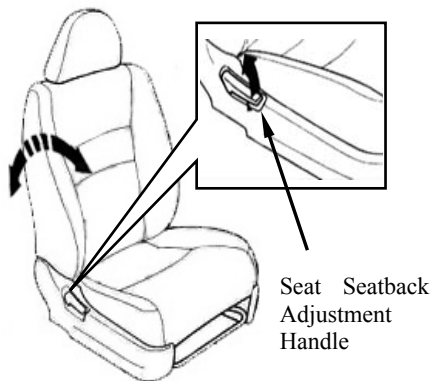


The seat adjustment during driving may result the out-of-control of the vehicle that may result car accident, therefore make sure to adjust when the vehicle is stopped.

## Front Row Passenger Seat Adjustment

### Adjustment of front row seat seatback inclination degree

Firstly, lean on the seat seatback with the body, trip the seat right seatback adjustment handle, and adjust the seatback to the needed angle by changing the body inclination angle. (The driver seat seatback adjustment handle is at the left side)



## Seat Fore-and-After Slide Adjustment

As shown in the figure, pull upward the adjustment lever located at the seat external front edge to move the seat fore-and-after. Release the adjustment lever after adjust the seat into position and then shake the seat fore-and-after to make sure that the seat is locked in the slide track.



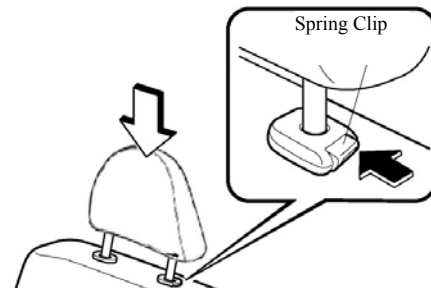
## Headrest

The headrest can confine the movement of the head so as to protect the cervical vertebra in case of rear-end collision by following vehicle during the driving.

## Seat and Safety Protection

However, it will exert the protection effects only by adjusting the headrest to the correct position.

### Front Headrest



The top of the front row seat seatback is installed with height adjustable headrest. The passenger should adjust the seat headrest to the proper height in accordance with the body height so as to achieve effective protection effects.

### Headrest Adjustment Method:

Pull upward or push down the headrest to the proper position after pressing and holding the spring clip; The best headrest height is that its top end is level with the top end of the head.

### Headrest Remove/ Assembling Method:

During the removal of the headrest, push down and hold the spring clip at the



## Seat and Safety Protection

external side of the headrest guiding element and at the same time pull out the headrest from the guiding element. During the assembling of the headrest, firstly distinguish the front/rear seat headrest (the front seat headrest is bigger than the rear seat headrest) and then push the headrest pin into the guiding element, till the spring clip on the guiding element engages with the pin correctly.

### Rear Headrest

The adjustment method of rear headrest is same with the one of front headrest.



**Notice:** Do not remove the headrest or adjust it to the excessive low position so as to avoid the neck damage due to lacking of support to the head during the collision. It should adjust the headrest to the proper position.

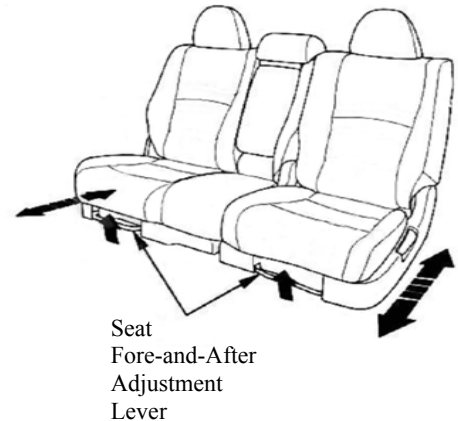
### Front Row Seat Armrest



As shown in the figure, the armrest of front row seat can be let down from the seat side so as to promote the comfort.

### Middle Row Seat Seat Fore-and-After Slide Adjustment

As shown in the figure, pull upward the adjustment lever located at the seat external front edge to move the seat fore-and-after. The adjustment method is same with the one of front row seat fore-and-after slide.



# Seat and Safety Protection

position by pulling the pull belt.

## Adjustment of Seat Seatback Inclination Angle

Trip the seat seatback adjustment handle to change the central row seat seatback inclination angle. The method is same with the one of front row seat seatback inclination angle.

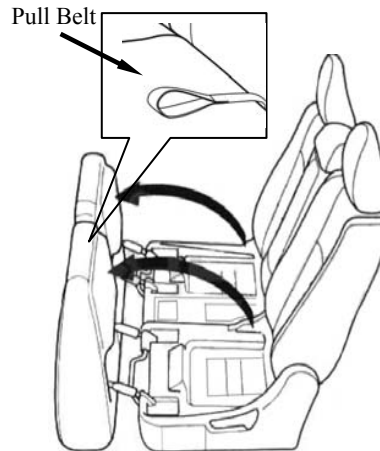


## Folding of Central Row Seat

This vehicle can realize the multi space combination to satisfy various demands based on the folding combination of the vehicle seats.

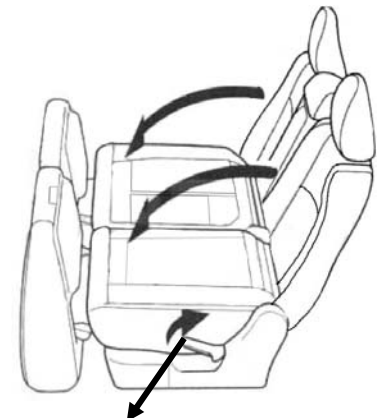
## Seat Folding

### Cushion Flip:



The cushion can be flipped to the shown

### Folding of Seatback:



Seat Seatback Adjustment Handle

## Seat and Safety Protection

The seatback can be folded to the shown position by pulling the seat seatback adjustment handle.

### Seat Reset

According to the following illustration, reset the central row seat to the original status.

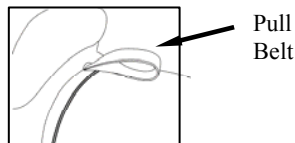


### Rear Row Seat Folding of Rear Row Seat

#### Central Row Seat Armrest

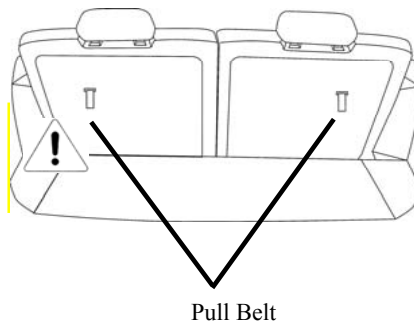
The middle of central row seat seatback has armrest that can be rolled over on the cushion from the seatback by pulling the pull belt. The forced rollover without pulling the pull belt will result the damage of the seat.

It only needs to pull it back to the original position during armrest reset.



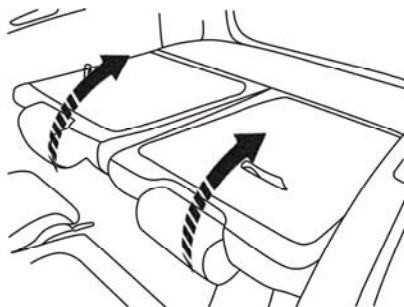
## Seat and Safety Protection

The back of the rear row seat has the pull belt that facilitating the lift of seatback from the rear.



### Reset of Rear Row Seat

Lift the seat seatback in accordance with the shown direction.

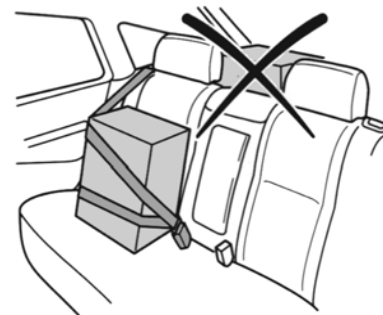


### Luggage Conveyance

The rear of the vehicle will have enough space to accommodate the luggage by folding the central row seat and the rear row seat.



Try to load the luggage and other loading articles as forward as possible in the luggage boot. It's extremely dangerous to drive the vehicle with opened tailgate. The excessive exhaust gas may be inhaled into the vehicle through the opened luggage boot door.



Notice: Do not exceed the height of front row seat when stacking the articles such as luggage.

Do not let the passenger sit on the folded seatback during driving, since the luggage not bonded on the folded seatback and the passengers without protection device may

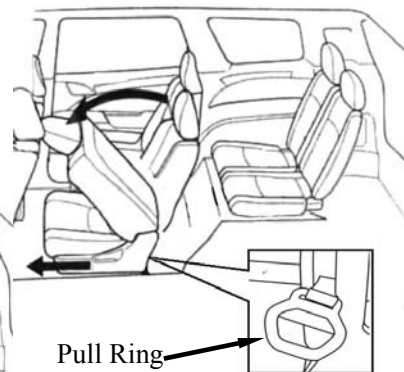
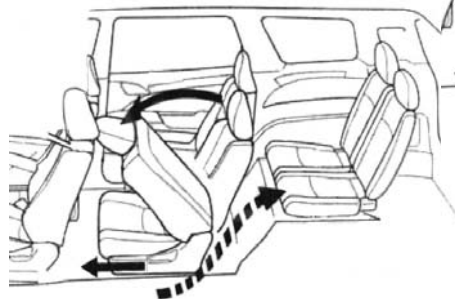
collide inside the vehicle or may be thrown out of the vehicle in sudden brake or accident, which may result the severe injury or death.

## Get-on/Get-off of Rear Row Passenger

Fold the central row seat seatback forward by pulling the central row seat seatback adjustment handle and at the same time the seat will slide forward automatically to make space. Therefore, the passengers can enter into the rear row space as pointed by the dashed arrow in the figure.



Do not let the child sit on the knees of the adult during vehicle moving. This adult will not protect the child from injury in case of accident.



For the get-off of rear row passengers, the rear row passengers can fold the central row seat seatback forward by pulling the pull ring at the rear portion of

## Seat and Safety Protection

the central row seat themselves and at the same time the seat will slide forward automatically to make space for the get-off of rear row passengers.

## Seat Safety Belt

Make sure to use the seat safety belt/ child safety seat all the time. The seat

## Seat and Safety Protection

safety belt can't be shared by multi persons. Make sure the safety belt is fastened without any looseness, twist or obstacle.



The driver and the passenger at the front row are required to fasten the safety belt securely during driving. Avoid wearing the wide and thick clothes. In order to achieve best protection effects, the seat safety belt should cling to the body.

### Seat Safety Belt Alarm Lamp



This alarm lamp will light when the ignition switch is turned on. This lamp will keep lighting and signal the hint sound of “dee” to remind the passenger to fasten the seat safety belt. This lamp will turn off when the driver side safety belt is fastened.

### Fastening Seat Safety Belt

Pull out the safety belt stably. The safety belt may be locked when applied with excessive force or when the vehicle is on the slopes. The seat safety belt should be placed on the middle of the shoulder

external side. The waist belt portion should cling to the hip instead of the stomach.



Insert the lock bolt into the buckle till one click, otherwise the safety belt is not fastened correctly.

When to release the safety belt, push down the red button on the buckle and let the safety belt to retract smoothly. Make sure that each seat safety belt uses the correct buckle.



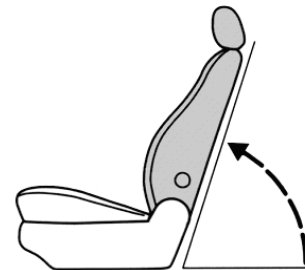
If the safety belt can't be pulled out, please pull once with force before release. Then the safety belt can be pulled out smoothly.

### Central Row Seat Middle 2-Point Safety Belt

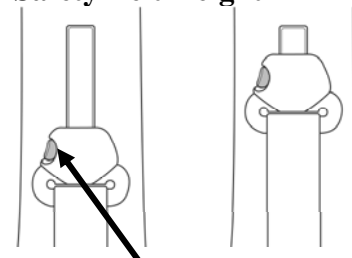
This safety belt can't adjust the length automatically. During use, insert the lock bolt into the buckle till one click before adjust the length manually to cling the safety belt to the hip.

Do not lean the front seat too much, since the safety belt will provide max protection only when the seat is closing

to the vertical position.



### Adjustment of Front Seat Safety Belt Height



Lock Button

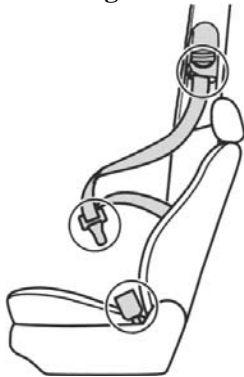
The seat safety belt should absolutely not round the neck. When to adjust the height, push down the lock button on the height adjuster, move the adjuster up-and-down so that the safety belt can

## Seat and Safety Protection

cross the middle of the external shoulder, then release the lock button and shake the adjuster to make sure the adjuster is locked.

### Maintenance of Seat Safety Belt

#### Checking of Seat Safety Belt

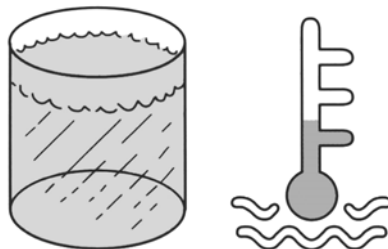


The safety belt should be checked periodically for damage or worn-out. The safety belt after stretching (such as after the accident) should be replaced immediately in the Chery authorized service station and the related components should be checked.



Do not try to repair or lubricate the safety belt retractor or the buckle mechanism and do not change the safety belt with any means, otherwise Chery Automobile Co., Ltd. will not be liable for the problems arisen.

#### Cleaning of Seat Safety Belt



Clean with interior cleaner or clean warm water and dry naturally. Do not use the man-made heating method.



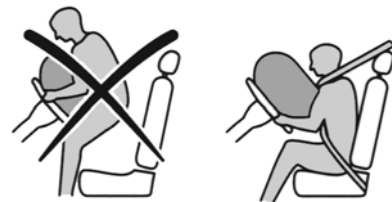
Do not use chemical cleaner, boiled water, bleaching powder or dye. Do not let the water into the seat safety belt retractor mechanism.

### Air Bag (\*)

The combined use of air bag and safety belt can help reduce the danger of severe injury in case of severe collision accident.

#### Notice:

The inflation of the air bag will issue big noise. In addition, there will have the residue of harmless powder that similar with smoke. All above these are normal phenomenon.



The front row passenger can achieve the effective protection only when at the sitting posture as vertical as possible.



Fasten the safety belt and keep proper distance with the steering wheel at any time. Only the use of the safety belt can

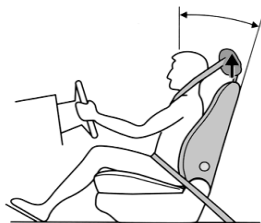
## Seat and Safety Protection

guarantee that the body is at such position that the air bag can exert the best effects.

### Front Air Bag

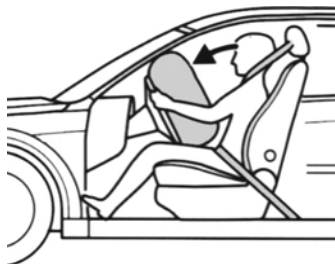


Extreme danger! Do not use the reverse direction child seat on the seat equipped with front air bag.



The seat and seatback must be correctly positioned to coordinate in such manner that the safety belt can achieve best protection effects. Adopt vertical sitting

posture with the lower end of the back clings to the seatback as tight as possible and the rearward inclination angle of the seatback should not exceed 25 degrees. Do not make the front seat close to the instrument panel too much. Grasp the steering wheel with slightly bended arm during driving. This is the ideal driving status that help reduce the injury danger to the driver when the air bag is expanding.



The severe frontal collision (frontal or within 30° leftward and rightward) will actuate the front air bag. Within the one thousandth second of the collision, the air bag will inflate to swell and then will deflate when contacted with the passenger body so as to buffer the forwarding movement of the passenger. The air bag will not be actuated during the slight collision and rear or side

collision.



Keep the net space of the front area of the air bag at any time and do not place anything in such area or at the top of such area.



Only the trained technicians in the Chery authorized service station can repair the steering wheel, steering pillar and the air bag system. The accident actuation of the air bag may result the injury.

### Air Bag Alarm Lamp



When the ignition switch is shifted to ON, the indicator lamp on the instrument panel will light approximate 3-4 s before turn-off so as to indicate that the system is operational.

If the indicator lamp does not light, or this lamp keeps intermitted lighting or consecutive lighting during the driving, it indicate the occurrence of the trouble. In consideration with your safety, please deliver the vehicle to the Chery



## Seat and Safety Protection

baby safety seat.

authorized service station for checking.

The manufacturer for the air bag that equipped on this vehicle recommends renewing the air bag after equipped for 10 years, at that moment the efficiency of the inflating agent and the effectiveness of the air bag is deteriorated.

If you have any doubts against the service length of your vehicle/air bag, Chery authorized service station is willing to query the related data for you. The air bag system can only be dealt with by the Chery authorized service station.

### Child Safety Seat

Make sure to read carefully and abide by the instructions of the manufacturer during the installation of the child safety child.



Do not hold the child on the knees during the vehicle driving.



**Extreme danger! Do not use the reverse direction child seat on the seat equipped with front air bag.**

When it's must to use child safety seat on the front row seat, the vehicle with PAB lock function should shift the PAB switch to the OFF gear to disable the secondary driver side air bag. Please refer to the Chapter II Interior Device Operation and Adjustment

The children less than 12 years old or less than 150 cm height should be securely fixed with special child safety seat (such as baby seat, child safety seat or heightened cushion).

The child safety belt must be suitable and obtain the approval of the authority.

Such safety seat combined with the seat safety belt will help provide the maximum safety to the children.

- The baby that less than 10 kg weight or less than 1 year old should be placed in the baby bed at the rear seat, letting him/her lying horizontal in the bed before constrained or fixed. The best protection method to the baby and child is to use the reverse direction



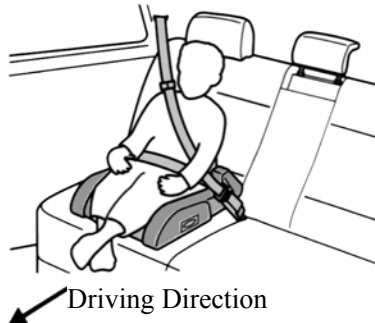
Driving Direction



Driving Direction

- The child less than 4 years old and between 10 kg and 18 kg weight should sit in the child safety seat on the rear vehicle seat.

## Seat and Safety Protection



- The child between 4 years and 12 years old or between 18 kg and 36 kg weight should sit on the rear seat with heightened cushion. The adjustable assistant safety belt that fixed on the heightened cushion can ensure that the diagonal safety belt crosses the shoulder properly. The heightened sitting position can ensure that the adult seat safety belt guides through the shoulder middle correctly instead of the neck and the waist safety belt clings to the hip instead of the stomach.



Each safety seat can only accommodate one child.

In accordance with the regulations of road traffic safety law, the sitting of the child in the front seat is prohibited. Suitable safety seat should be used.

## **Chapter 8   Audio Part**

Please read the user's manual for audio system onboard carefully if the vehicle is equipped with other than following audio system.

**DVD Part (    )**



## Main Function

★ Five wave bands of FM1, FM2, FM3, AM1 and AM2 that capable of saving 6 radio channels each.

★ Auto/manual channel search

★ Automatic channel saving/  
programmed channel saving

★ Preview of saved channels

## Play of Multi-Media DVD/VCD/CD/MP3

★ Sequent play to play each song in turn.

★ Capable of power cut memory point play function.

★ Capable of multi-media entertainment function and identifying automatically the media discs in DVD, VCD, CD and MP3 format.

## Others:

★ Adopted high quality color LCD screen that features clear and beautiful image.

★ Text display and graphic expression is correct, understandable and outstanding and the interface color is clear, soft and

legible.

★ Capable of mute function.

## Operation Safety Notices:

1) Make sure to use 12V vehicle power supply; otherwise it may have the danger of fire or electrical shock.

2) Do not place or install this device on the locations that obstructed the front view field and interfered the operation of steering wheel, transmission lever and brake pedal, the location that endangered the passengers, or the locations that obstructed the operation of the air bag system without explicit approval; otherwise it may cause the danger of traffic accident or body injuries.

3) Do not operate this device or replace the CD disc during driving. If need to conduct such operations, make sure to stop the vehicle on safe place before such operations; otherwise it may cause the danger of traffic accident.

4) If the driver wants to watch DVD, make sure to stop the vehicle on safe place before such operations; otherwise it may cause the danger of traffic accident.

5) Please do not disassemble or refit this

device. Otherwise it may cause the danger of accident, fire or electrical shock.

6) In case of the occurrence of following abnormal conditions, please stop the operation immediately and contact with the dealer. The continual operation may cause the danger of accident, fire or electrical shock.

① Foreign articles enter.

② Smoking

③ Splash of water or beverage.

④ Abnormal smell.

⑤ Occurrence of malfunction (without image and sound)

7) In case of the breakage of the LCD panel, please absolutely not to contact with the liquid inside the panel. Otherwise it may cause the dermatitis.

8) In case of the liquid ingress into the mouth, please perform mouth wash immediately and ask for medical treatment.

9) In case of the liquid ingress into the eyes or contamination on the skin, please wash and clean with clean water and then ask for medical treatment.

## Operation Instructions

## 1. Temperature Issue

1) This device may not function normally under extreme cold and hot conditions and this device will resume operation when the temperature restores to ambient temperature.

2) Do not place the device in the hot places (such as the places with direct sunshine and inside the vehicle under hot summer days) and cold places; otherwise the device may have malfunction or deformation.

3) The normal operating temperature range of this device is  $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$ . Please operate this device within this temperature range; otherwise it may have malfunction.

## 2. Condensate Issue

In raining days, or the days with high humidity or within short period after heated by heater in winter, the internal optical lens of this device will condensate dews (water drops). It can't use laser to read the data under such condition and the device also can't conduct normal operations. Though subject to the influence of the ambient environment,

under general conditions, remove the disc and the condensates will disappear in approximate 1 hour. Then the device can conduct normal operation.

## 3. Vibration Issue

This device will result following conditions if subject to vibration:

Music CD: The sound will be interrupted and will resume normal operation if the vibration disappears.

DVD-ROM Disc: Basically, it's free of the influence of the vibration; however, there will be occasional evidence of image response delay. It will resume to normal working status once the vibration is stopped.

## 4. Display Screen Issue

1) The image on the display screen may be illegible for reading due to the light reflection when exposed under direct sunshine. Please avoid the direct exposure of the sunshine.

2) The image on the display screen will be clearest when observed from the front direction. Please watch the image within the range of vertical  $45^{\circ}$  and horizontal  $60^{\circ}$ .

3. The LCD screen is the product produced by extreme high precision technology. Its effective pixels account for above 99.9% and there is 0.01% pixels having defect or persistent lighting problem. The display of red dot and green dot within same place of the display screen is caused from the property of the LCD screen, instead of the fault.

4) The backlight of the LCD screen adopted mini-scale fluorescent lamp. Please contact with after-sales service station if the fluorescent lamp has darker lightness or can't light.

## 5. Operation Problem when Vehicle Engine is Stopped (When Using Vehicle Battery Power Supply)

The operation of this device under the condition that the vehicle engine is stopped will have the possibility of run out of the vehicle battery power. Therefore, do not operate this device for a long period when the vehicle engine is stopped.

## 6. Maintenance Issue

1) Please clean frequently since the screen

is easy to contaminate the dust. Cut the power supply during cleaning and wipe with soft cotton cloth. Please do not use the wet wiping cloth nor wipe or knock with hard object.

2) The surface of the cabinet and panel will be corroded if contaminated with gasoline, thinner and volatile agents such as pesticide. Please do not use such things.

## About CD Multi-Media, DVD, CD, MP3



DVD Please use the discs with left logo.



CD Please use the discs with left logo.

## CD Operation Method

1) During the holding of the CDs, keep your hands off from the record surface of the CDs.

2) The CDs is rotating at high speed during operation, please do not use the

damaged CDs or the CDs with severe deformation.


3) Do not use the CDs with special shapes. This kind of CDs will not only cause the malfunction of this device, but also have the danger of finger cut arising from the thrown out CDs due to high speed rotation during the removal of the CDs.

4) The CDs should be placed in the CD case flatly and then kept in the locations without the direct exposure of the sunshine. Especially in summer, do not place the CDs on the locations that exposed to direct sunshine such as vehicle seat or the dashboard.

5) Before use, wipe the dust, dirt and fingerprint contaminated on the record surface slightly from the inside to outside with soft cotton cloth.


6) Do not use CD cleaners and static proof agent. Also, do not wipe with the volatile medical agents such as gasoline and thinner; otherwise the CDs will be damaged.

## CD Insertion/Removal

After press the  on the panel, the device body will incline certain angle automatically. Then, insert the CD into the

disc compartment.

1) For CD insertion: keep the print surface facing upward and insert the CD into the CD-ROM drive “disc compartment” directly. At that time, the system will automatically identify the CD and then the user can perform corresponding operation based on the real demands.

2) For CD removal: Press  key to eject the CD.

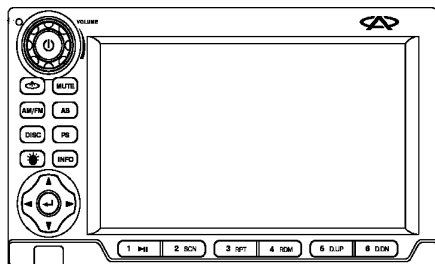
### Notice:

**Notice to face the print surface upward during the CD insertion.**

## Operation Panel Illustration

### Panel Illustration and Illustration

Automatic light measurement receiver.




The function definition for keys is shown in the right table.


## Icon Display Illustration


**DVD** DVD: Indicated that DVD function is currently in use.


| No. | Key | Chinese Meaning                            | Function  |
|-----|-----|--|---|
| 1   |     | System power supply                        | Turn off system power, system stops operation   |
| 2   |     | Disc ejection                              | Pull out/restore panel, eject/close DVD drive   |
| 3   |     | Volume                                     | Rotate clockwise/counter-clockwise, increase or decrease volume   |
| 4   |     | Mute key                                   | System mute   |
| 5   |     | Waveband key                               | System starts radio function and switches waveband  |
| 6   |     | Automatic search/preview of saved channels | Automatically search/save the channels under radio status.  |
| 7   |     | Disc play key                              | Enter into DVD/VCD/CD/MP3 function, turn off current function.  |
| 8   |     | Browse of saved channels                   | Browse saved channels.  |
| 9   |     | TFT light strength control key             | Used to switch the on/off of the display screen.  |
| 10  |     | Information setup                          | Enter information setup menu, turn off current function.  |
| 11  |     | Up/down key                                | Same key has different definitions under different menu. Please refer to the description of all menu functions for detailed definition. |
| 12  |     | Left/right key                             |   |
| 13  |     | Enter key                                  |   |
| 14  |     | Pause/play                                 |   |
| 15  |     | Browse                                     |   |
| 16  |     | Repeat                                     |   |
| 17  |     | Random                                     |   |
| 18  |     | Previous disc                              |   |
| 19  |     | Next disc                                  |   |





 Radio: Indicated that radio is currently in use.


 Stereo: Indicated that the radio currently plays stereo programs.

 CD: Indicate that the DVD\_ROM player currently has disc inside.

 Vehicle Alarm: Indicated that some vehicle functions currently have faults.

 Mute: Indicated that the system is under mute mode;

 Remote: Indicated that the current playing radio is other than local radio programs.

 Local: Indicated that the current playing radio is the local radio programs.


## Power On/Power Off Operation Illustration Power On/Power Off Function


### 1. Power on and power off operation

Status description:

This product adopted electrical flexible LCD screen with total three preset positions:

- 1) The display screen will retract to the position that parallel with the panel at power off;
- 2) The display screen will protrude automatically to form 10° inclination angle with the panel and at the same time display the system power on interface at power on.

3) After the user presses open key () under system working status, the display screen will protrude out automatically and form 45° with the panel and at the same time the disc will be automatically ejected from the disc compartment.

4) Under open status, place the disc and the display screen will automatically retract to power on status; or under open status, press open key () to retract the display screen to open status.

### Notice:


1) In order to avoid the collision with the obstacles that will cause the damage of electrical servo mechanism during protrusion of the display screen, please make sure that there is free of obstacles within 15cm of the protrusion direction of the display screen during installation.


2) This player is equipped with system disc jam proof function. When the disc is at the disc opening or under disc ejection, the system motor will automatically stop movement to avoid the scratch on record surface of the disc.

3) When the system motor encounters the obstruction of obstacles during movement, the motor will automatically stop running after 10 s.

### 2. Power On Function

The normal system power on condition is as follows:

1) When the user presses power () key and the vehicle circuits are connected (vehicle key signal is effective), then the system will power on automatically.

2) When the user presses the power () key but the vehicle circuits are not

connected (vehicle key signal is ineffective), the system can power on for operation. After power on, the system will run no more than 1 hour; otherwise the system will power off automatically. Before the vehicle circuits are connected, the system will not respond to any operation of the POWER key so as to protect the vehicle battery power from excessive consumption.

3) When the user selects backup system, the vehicle will enter into backup status provided that the vehicle key signal is effective and then the system will power on automatically and enter.

Under whichever above conditions, press power key (⏻) to enter into power on status.

The power on menu needs to display the welcome interface and hold for approximate 2 s with the power on menu shown in following figure:



### Illustration:

The interface will display text at the same time when the panel motor slide outward for 10 degrees at power on. After the display of such interface, the system will automatically enter into the working status before power off. If the system is powered on for the first time, then the system will work at radio FM1 wave band 87.5 MHz.

**Notice: When power on this product for the first time, please turn on the vehicle circuits (vehicle key signal is effective).**

## 3. Power Off Function

The system power off condition is as follows:

1) When the user presses power key (⏻) for 1 s, the system will turn off normally

and the display screen will retract to the power off position;

2) Before the user presses power key (⏻) to power off, the system will automatically power off when upon the vehicle flameout (vehicle key signal is ineffective) and the display screen will retract to power off position;

3) When the vehicle circuits are not connected (vehicle key signal is ineffective), the system will enter into protective automatic power off when the system is powered on and working for more than 1 hour.

4) When the vehicle circuits are not connected (vehicle key signal is ineffective), the system should be powered on by pressing and holding the power key for 2 s so as to avoid the accident power on that causes the consumption of the vehicle battery power.

**Notice:** The sudden cut of the power supply (BATTERY) may result the losses of the current data and also result that the display screen can't retract to the normal position. Therefore, please operate in accordance with the normal power off

procedure before the power cut.

## Radio

Press **AM/FM** key to enter into radio mode and play the current channel with the menu shown in following figure:



Please refer to the table for the operations of function keys. The keys not included in the table will have no response.

| Key        | Chinese Meaning                            | Function   |
|------------|--|--|
|            | System power supply                        | Turn off system power, system stops operation  |
|            | Disc ejection                              | Pull out/restore panel, eject/close DVD drive  |
| <b>VOL</b> | Volume                                     | Rotate clockwise/counter-clockwise, increase or decrease volume  |
|            | Mute key                                   | System mute  |
|            | Waveband key                               | System starts radio function and switches waveband   |
|            | Automatic search/preview of saved channels | Automatically searches the strong signal radio within selected waveband and save to 1~6 memory units.  |
|            | Disc play key                              | Enter into DVD/VCD/CD/MP3 function, turn off current function.   |
|            | Browse of saved channels                   | Browse saved channels.   |
|            | TFT light strength control key             | Used to switch the on/off of the display screen.   |
|            | Information setup                          | Enter information setup menu, turn off current menu.   |
|            | Up/down key                                | Panel angle adjustment key   |
|            | Left/right key                             | <ol style="list-style-type: none"> <li>1) User may search the radio channel upward/downward under current waveband by pressing this key.</li> <li>2) It will automatically search previous/next radio channel under current waveband by pressing and holding this key for 0.5 second.</li> </ol> |
| <b>1~6</b> | 1~6 combination key                        | <ol style="list-style-type: none"> <li>1) To select the saved radio number under current waveband for play by pressing this key.</li> <li>2) To save the current radio channel to the designated radio number by pressing and holding this key for 2 s.</li> </ol>                               |

## Preview of Saved Channels

Under radio interface, press **PS** key and the device will enter into the browse status of the saved channels to browse the saved channels under current waveband. During the preview of saved channels, the device will automatically search the information of saved 6 radio channels under current waveband with 5 seconds play for each channel. When to receive the radio channel currently in preview status during the preview, press the **PS** key once (or the saved unit key corresponded to the current radio channel) to cancel the preview function and continue the reception of the radio.




Please refer to the table for the operations of function keys. The keys not included in the table

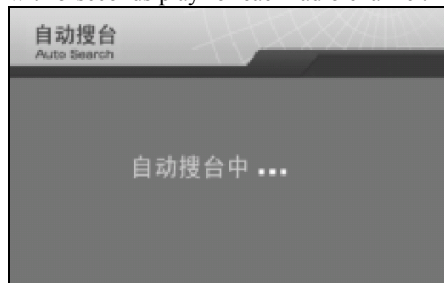
| Key | Chinese Meaning                | Function  |
|-----|--------------------------------|---|
|     | System power supply            | Turn off system power, system stops operation   |
|     | Disc ejection                  | Pull out/restore panel, eject/close DVD drive   |
|     | Volume                         | Rotate clockwise/counter-clockwise, increase or decrease volume                                       |
|     | Mute key                       | System mute   |
|     | Waveband key                   | Enter radio main menu, and switch waveband.   |
|     | Automatic search/save radio    | Automatically searches the strong signal radio within selected waveband and save to 1~6 memory units. |
|     | Disc play key                  | Enter into DVD/VCD/CD/MP3 function, turn off current function.  |
|     | Browse of saved channels       | Browse saved channels.  |
|     | TFT light strength control key | Used to switch the on/off of the display screen.  |
|     | Information setup              | Enter information setup menu, turn off current menu.  |
|     | Up/down key                    | Panel angle adjustment key  |
|     | Enter key                      | Return to radio menu, play current radio.   |
| 1~6 | 1~6 combination key            | Exit browse of saved channels, enter into radio function.   |

will have no response.












of function keys. The keys not included in the table will have no response.

## Automatic Search


Under the radio in  ce, press key and the device will automatically search the radio channels under current wave band. During the automatic search, the device will automatically conduct one overall search of the current radio waveband and automatically save the searched radio channels in the 1~6 memory units. At the finish of automatic search, the system will automatically enter into the preview status of the saved channels and play the radio channels saved in the 1~6 memory units with 5 seconds play for each radio channel.

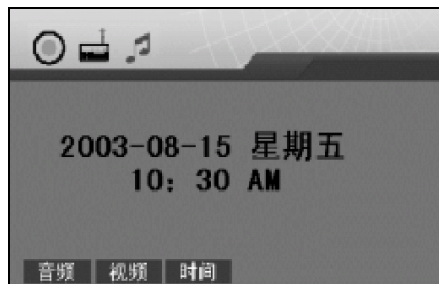


Please refer to the table for the operations


| Key   | Chinese Meaning                | Function  |
|---|--------------------------------|---|
|  | System power supply            | Turn off system power, system stops operation   |
|  | Disc ejection                  | Pull out/restore panel, eject/close DVD drive   |
| VOL   | Volume                         | Rotate clockwise/counter-clockwise, increase or decrease volume                                       |
|  | Mute key                       | System mute   |
|  | Waveband key                   | Enter radio main menu, and switch waveband.   |
|  | Automatic search/save radio    | Automatically searches the strong signal radio within selected waveband and save to 1~6 memory units. |
|  | Disc play key                  | Enter into DVD/VCD/CD/MP3 function, turn off current function.  |
|  | Browse of saved channels       | Browse saved channels.  |
|  | TFT light strength control key | Used to switch the on/off of the display screen.  |
|  | Information setup              | Enter information setup menu, stop searching.   |
|  | Enter key                      | Stop searching, return to radio menu  |
|  | Up/down key                    | Panel angle adjustment key  |













## Information Menu

Press  key to enter into information menu with the menu display shown in the following figure:




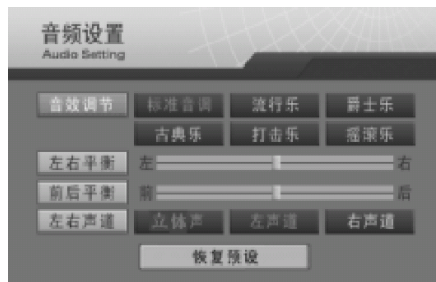
Please refer to the table for the operations of function keys. The keys not included in the table will have no response.

**Note:** The information menu will automatically return to original function after 5 seconds. It also can directly exit the information menu by pressing the  function key to return to original main function.

| Key   | Chinese Meaning                | Function  |
|---|--------------------------------|---|
|  | System power supply            | Turn off system power, system stops operation   |
|  | Disc ejection                  | Pull out/restore panel, eject/close DVD drive   |
| VOL   | Volume                         | Rotate clockwise/counter-clockwise, increase or decrease volume                               |
|  | Mute key                       | System mute   |
|  | Waveband key                   | Enter radio main menu, and switch waveband.   |
|  | Disc play key                  | Enter into DVD/VCD/CD/MP3 function, turn off current function.                                |
|  | TFT light strength control key | Used to switch the on/off of the display screen.  |
|  | Information setup              | Exit information setup menu, return to above level menu.                                      |
|  | 1                              | Enter into audio parameter setup function (refer to page 13 “Audio Setup” for details).       |
|  | 2                              | Enter into video parameter setup function (refer to page 14 “Video Setup” for details).       |
|  | 3                              | Enter into time display parameter setup function (refer to page 15 “Time Setup” for details). |
|  | 4                              | Enter into other parameter setup function (refer to page 14 “Other Setup” for details).       |
|  | Up/down key                    | Panel angle adjustment key  |

## Audio Setup

Under information menu, press  key to enter into audio setup interface with the menu shown in following figure:













Audio function setup includes following contents:

- 1) Audio effects adjustment  
Standard (default), pop, jazz, classic, beat, and rock.
- 2) Left/right balance (default: in the middle)
- 3) Front/rear balance (default: in the middle)
- 4) Left/right track (default: stereo)
- 5) Restore to default (restore to factory

default setup).

**The setup of audio effects will directly affect the audio output of system all products.**

Please refer to the table for the operations of function keys. The keys not included in the table will have no response.

| Key   | Chinese Meaning                | Function  |
|---|--------------------------------|---|
|  | System power supply            | Turn off system power, system stops operation                   |
|  | Disc ejection                  | Pull out/restore panel, eject/close DVD drive                   |
| VOL   | Volume                         | Rotate clockwise/counter-clockwise, increase or decrease volume |
|  | Mute key                       | System mute   |
|  | Waveband key                   | Enter radio main menu, and switch waveband.                     |
|  | Disc play key                  | Enter into DVD/VCD/CD/MP3 function, turn off current function.  |
|  | TFT light strength control key | Used to switch the on/off of the display screen.                |
|  | Information setup              | Enter into information setup menu                               |
|  | Enter key                      | Confirm current setup, return to previous function menu.        |
|  | Up/down key                    | Up/down selection key   |
|  | Left/right key                 | Setup parameter adjustment or selection.                        |

Note: The color of selected item is golden.

the visual difference so as to achieve

## Video Setup

Under information menu, press **F4** key to enter into video setup interface with the menu shown in following figure:



Auto light

Hue


Palette

The video function can adjust the automatic light measurement, palette, hue, brightness, contrast, saturation, and restore to default.

Automatic light measurement: To detect the ambient light strength and adjust the display brightness automatically to reduce



## Time Setup











Under information menu, press  key to enter into time setup interface with the menu shown in following figure:



The time setup function is for the adjustment of the time.


Time: Including the selection of 12-Hour and 24-Hour (24-Hour in default). Also it can calibrate the year, month, day, hour, and minute.

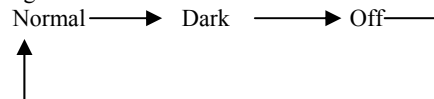
Please refer to the table for the operations of function keys. The keys not included in the table will have no response.

| Key   | Chinese Meaning                | Function  |
|---|--------------------------------|---|
|  | System power supply            | Turn off system power, system stops operation                   |
|  | Disc ejection                  | Pull out/restore panel, eject/close DVD drive                   |
| VOL   | Volume                         | Rotate clockwise/counter-clockwise, increase or decrease volume |
|  | Mute key                       | System mute   |
|  | Waveband key                   | Enter radio main menu, and switch waveband.                     |
|  | Disc play key                  | Enter into DVD/VCD/CD/MP3 function, turn off current function.  |
|  | TFT light strength control key | Used to switch the on/off of the display screen.                |
|  | Information setup              | Enter into information setup menu                               |
|  | Enter key                      | Confirm current setup, return to previous function menu.        |
|  | Up/down key                    | Up/down selection key   |
|  | Left/right key                 | Setup parameter adjustment or selection.                        |

Note: The color of selected item is golden

TFT screen light strength adjustment instruction:

User may press  key to conduct 2-level control on the light strength of the display screen, including:



## Disc Play

When press **DISC** key, the system will enter into disc play function and will automatically detect the disc contents in the DVD-ROM drive. During this period, the system pre-reading time will be much longer. At that moment, there has one transitional interface as shown in following figure.



When the drive has no disc, the system will display “No Disc” symbol as shown in the following figure.



This device may not respond to the user's operation during loading disc data. Please refer to the table for the operations of function keys. The keys not included in the table will have no response.









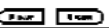



| Key | Chinese Meaning                | Function  |
|-----|--------------------------------|---|
|     | System power supply            | Turn off system power, system stops operation                   |
|     | Disc ejection                  | Pull out/restore panel, eject/close DVD drive                   |
| VOL | Volume                         | Rotate clockwise/counter-clockwise, increase or decrease volume |
|     | Mute key                       | System mute   |
|     | Waveband key                   | Enter radio main menu, and switch waveband.                     |
|     | Disc play key                  | Enter into DVD/VCD/CD/MP3 function, turn off current function.  |
|     | TFT light strength control key | Used to switch the on/off of the display screen.                |
|     | Information setup              | Enter into information setup menu                               |
|     | Up/down key                    | Panel angle adjustment key.                                     |

## DVD/VCD Function

### DVD\_ROM DVD/VCD DVD/VCD

If place the DVD disc into the DVD, the system will start normal play.

Please refer to the table for the operations of function keys. The keys not included in the table will have no response.

| Key   | Chinese Meaning                | Function  |
|---|--------------------------------|---|
|  | System power supply            | Turn off system power, system stops operation   |
|  | Disc ejection                  | Pull out/restore panel, eject/close DVD drive   |
| VOL   | Volume                         | Rotate clockwise/counter-clockwise, increase or decrease volume   |
|  | Mute key                       | System mute   |
|  | Waveband key                   | Enter radio main menu, and switch waveband.   |
|  | Disc play key                  | Enter into DVD/VCD/CD/MP3 function, turn off current function.  |
|  | TFT light strength control key | Used to switch the on/off of the display screen.  |
|  | Information setup              | Enter information setup menu, turn off current function.  |
|  | Up/down key                    | Panel angle adjustment key  |
|  | Up/Down                        | Selection of previous chapter/next chapter  |
|  | Left/Right Key                 | FF/Rewind play  |
|  | Enter key                      | 1) Press this key during disc play to return to main menu.<br>2) Press and hold this key for 2 seconds to display the adjustment options such as contrast, brightness, hue. |
|  | Play/Pause                     | selection of play/pause   |

Note: The color of selected item is golden

## CD Function

If place CD disc into the DVD ROM, the system will start normal play with the interface as shown in the following figure.



(The time and song number are shown in the left upper corner)

Please refer to the table for the operations of function keys. The keys not included in the table will have no response.

| Key | Chinese Meaning                | Function  |
|-----|--------------------------------|---|
|     | System power supply            | Turn off system power, system stops operation   |
|     | Disc ejection                  | Pull out/restore panel, eject/close DVD drive   |
| VOL | Volume                         | Rotate clockwise/counter-clockwise, increase or decrease volume   |
|     | Mute key                       | System mute   |
|     | Waveband key                   | Enter radio main menu, and switch waveband.   |
|     | Disc play key                  | Enter into DVD/VCD/CD/MP3 function, turn off current function.  |
|     | TFT light strength control key | Used to switch the on/off of the display screen.  |
|     | Information setup              | Enter information setup menu, turn off current function.  |
|     | Up/down key                    | Panel angle adjustment key  |
|     | Up/Down                        | Selection of previous song/next song  |
|     | Left/Right Key                 | FF/Rewind play  |
|     | Enter key                      | 1) Press and hold this key for 2 seconds to display the adjustment options such as contrast, brightness, hue. |
|     | Play/Pause                     | play/pause  |
|     | Browse                         | Song browse play (10 s for each song)   |
|     | Repeat                         | Press once to repeat single, press again to repeat all, and press once again to cancel all repeat settings.   |
|     | Random                         | Press once to set random play, press again to cancel the random play.   |

## MP3 Function

If place the MP3 disc in the DVD\_ROM, the system will display the folders of current disc.













Please refer to the table for the operations of function keys. The keys not included in the table will have no response.




| Key        | Chinese Meaning                | Function   |
|------------|--------------------------------|--|
|            | System power supply            | Turn off system power, system stops operation  |
|            | Disc ejection                  | Pull out/restore panel, eject/close DVD drive  |
| <b>VOL</b> | Volume                         | Rotate clockwise/counter-clockwise, increase or decrease volume  |
|            | Mute key                       | System mute  |
|            | Waveband key                   | Enter radio main menu, and switch waveband.  |
|            | Disc play key                  | Enter into DVD/VCD/CD/MP3 function, turn off current function.   |
|            | TFT light strength control key | Used to switch the on/off of the display screen.   |
|            | Information setup              | Enter information setup menu, turn off current function.   |
|            | Up/down key                    | Panel angle adjustment key   |
|            | Up/Down                        | Selection of folders upward/downward.  |
|            | Repeat/Browse                  | Repeat all                      Cancel repeat all<br>Browse all                      Cancel browse all<br>Repeat single                      Cancel repeat single<br>Repeat folder                      Cancel repeat folder<br>Repeat all           |
|            | Random                         | Play all                      Random play                      Cancel random play  |
|            | Enter key                      | 1) Confirm the folder where the songs located.<br>2) Press this key during playing to stop playing and enter into folder selection.<br>3) Press and hold this key for 2 seconds to display the adjustment options such as contrast, brightness, hue. |

After enter into the folder where the songs locate, it will display the songs in MP3 format under current folder.

Please refer to the table for the operations of function keys. The keys not included in the table will have no response.

| Key   | Chinese Meaning                | Function   |
|---|--------------------------------|--|
|  | System power supply            | Turn off system power, system stops operation  |
|  | Disc ejection                  | Pull out/restore panel, eject/close DVD drive  |
| <b>VOL</b>  | Volume                         | Rotate clockwise/counter-clockwise, increase or decrease volume  |
|  | Mute key                       | System mute  |
|  | Waveband key                   | Enter radio main menu, and switch waveband.  |
|  | Disc play key                  | Enter into DVD/VCD/CD/MP3 function, turn off current function.   |
|  | TFT light strength control key | Used to switch the on/off of the display screen.   |
|  | Information setup              | Enter information setup menu, turn off current function.   |
|  | Up/down key                    | Panel angle adjustment key   |
|  | Up/Down                        | Selection of MP3 files upward/downward.  |
|  | Enter key                      | <ol style="list-style-type: none"> <li>1) Confirm the folder where the songs located.</li> <li>2) Press this key during playing to stop playing and enter into folder selection.</li> <li>3) Press and hold this key for 2 seconds to display the adjustment options such as contrast, brightness, hue.</li> </ol> |
|  | Play/Pause                     | Play/pause   |
|  | Left/Right                     | Achieve FF/rewind play during playing.   |





When playing the disc, press and hold  key for several seconds to display the adjustment menu on the display screen, as shown in the following figure:



BRIGHT      Brightness  
 CONTRAST      Contrast  
 COLOUR      Color  
 EQ      Options: FLAT 【Standard】  
                  POP 【Pop】  
                  JAZZ 【Jazz】  
                  CLASSIC 【Classic】  
                  BEAT 【Beat】  
                  ROCK 【Rock】  
 BALANCE      Left/Right Balance

FADER      Front/Rear Balance  
 AUDIO      Options STEREO 【Stereo】  
                  L-CH 【Left Mono】  
                  R-CH 【Right Mono】


## Please conduct adjustment or selection in accordance with following operations:

1.   Please press these two keys to conduct item selection.
2.   Please adjust or select the selected item by means of these two keys.
3. At the finish of adjustment, the adjustment menu will disappear automatically if without any operation within 5 seconds.

## Common Malfunction Analysis

- 1) If the player can't power on normally, please check if the 12V vehicle power supply, system connecting terminal or system fuse is normal.
- 2) Automatic reset or power off of the device: The system will automatically reset or power off in case of system error.

3) Automatic power off of the device: Please check if the vehicle key is inserted properly or if using this device for 1 hour without the vehicle key.

4) After press  key, the display screen of the device will automatically return within 15 s. The disc jam should be noticed.

5) When there has disc at disc opening or the system is under disc ejection, the motor of this device won't start.

6) When adjust the motor to protrusion position manually, please notice if there has the symbol that indicated the DVD\_ROM player currently has disc inside.

7) If the DVD\_ROM player can't eject the disc normally, please contact with the local dealer.









8) If the radio can't function normally, please check if the radio antenna is connected properly.

9) When at power off, the display screen of this device will not retract normally if

10) If the device has operation function failure or abnormal conditions, please conduct device reset in accordance with the following operations. The device will resume normal after power on.

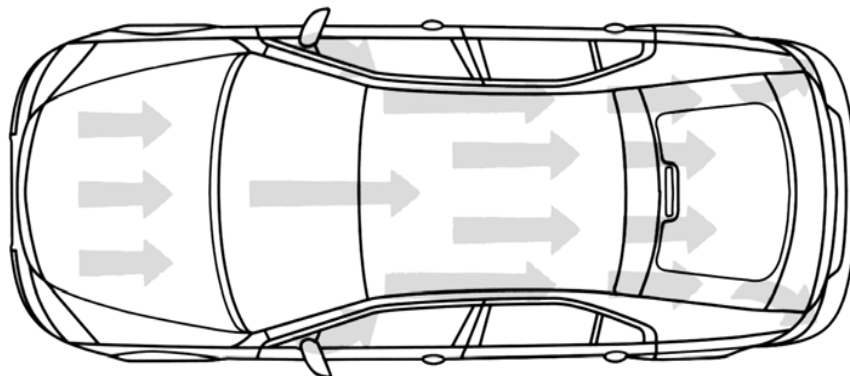
encountered with disc jam or obstacles in movement direction.



- |         |  |
|---------|--|
| Step 1  | Press                       |
| Step 2  | Press  key                  |
| Step 3  | Press  key for 3~5 seconds. |
| Step 4  | Press  key                  |
| Step 5  | Press  key                  |
| Step 6  | Press  key for 3~5 seconds  |
| Step 7  | Press  key                  |
| Step 8  | Press  key                  |
| Step 9  | Power off  |
| Step 10 | Power off  |

## hapter 9 A/C System

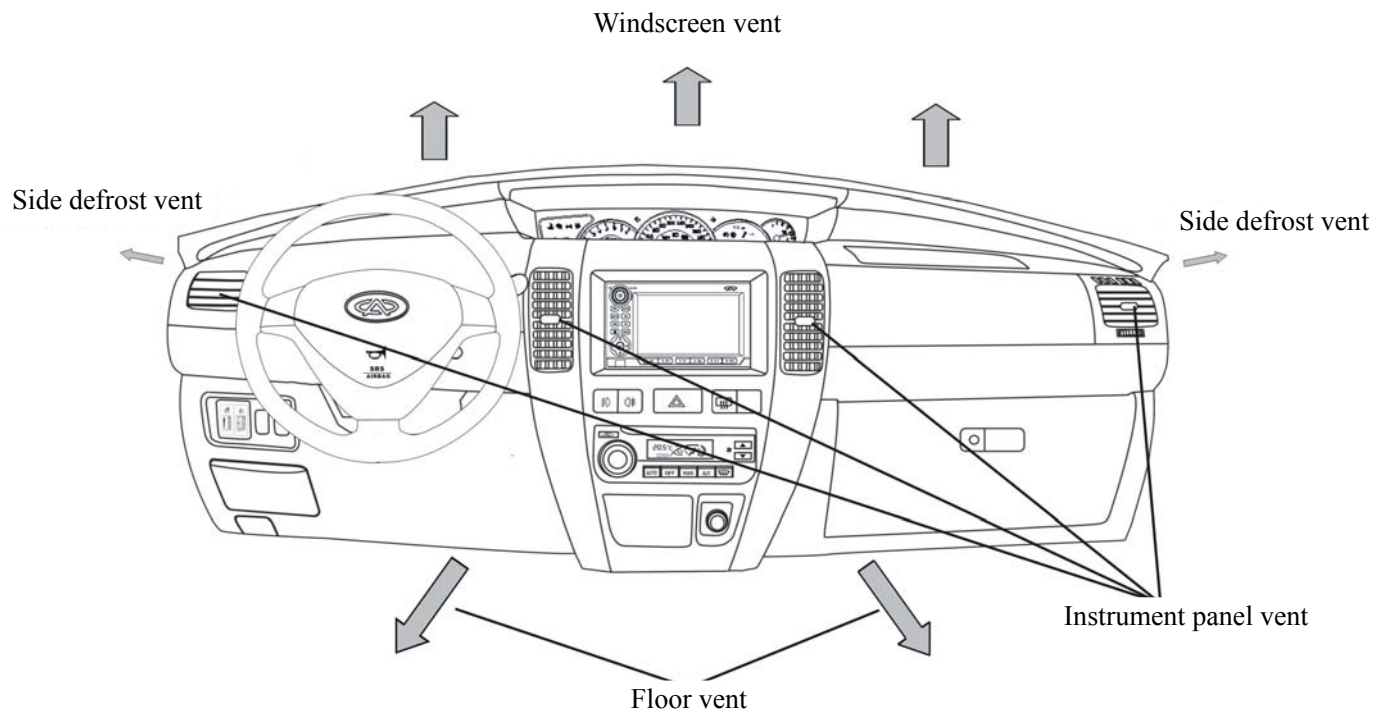
# A/C System



## Ventilation

The outside air enters into the vehicle via the air inlet located in the front of windscreen. Please keep the air inlet under the windscreen without snow, tree leaves and etc. in order to ensure that the warming and ventilation function can normally, effectively works.

## A/C System



### Air cleaner

The air cleaner can guarantee that the deleterious particles such as flower powder, industrial dust fall, road dust and etc are removed from the air before it enters into the vehicle.

When the vehicle passes by the automatic car washer, it is recommended to shut down the blower so as to avoid that the wax accumulates on the air cleaner.

The air cleaner shall be replaced according to the travel environment and the customer's habit.

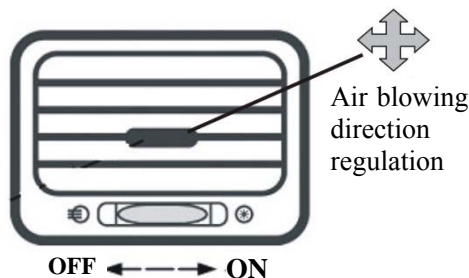
### Airflow distribution

The buttons on the A/C control panel and the control device of the lateral and center vents are applied to regulate the

air flow and direction.

Precautions on the regulation of vent (the vent is regulated on demand): the air passage and vent jammed enable the air output to be bad

### Center vent and lateral vent

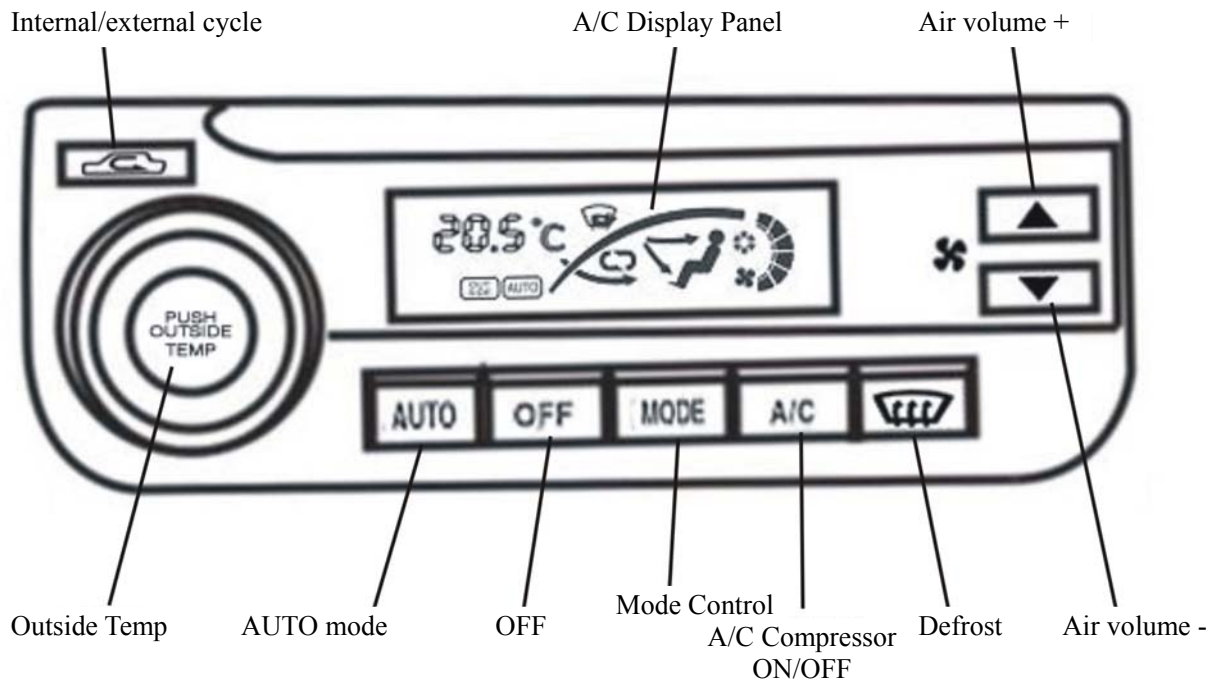


A user can regulate the center and lateral vents as required.

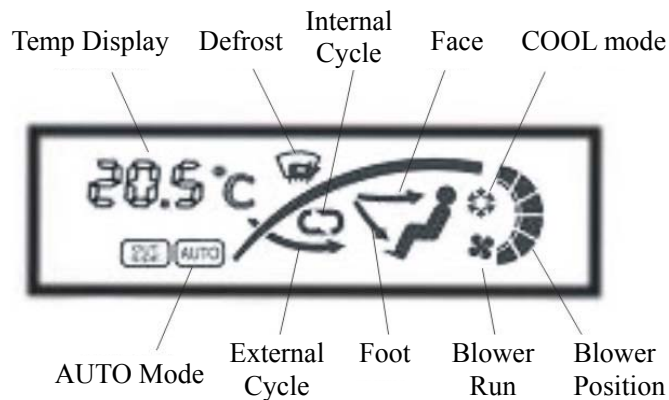
### Max. airflow

Shut down the center and lateral vents to make the max. airflow flow to the pedal or windscreen.

## Electronic control AUTO A/C System



### A/C display panel



Note: A part of symbols of A/C system are displayed in the figure above. When the A/C system runs, some symbols will not appear. The related symbol appears only in case of the corresponding run mode. So, these symbols represent the current run mode of A/C System, which will be described in the following.

The A/C system is controlled by the electronic circuit and micro motor which are designated to determine the position of inlet and outlet of A/C system.

The electronic circuit is also designated to control the following functions

- Mode operation
- A/C compressor clutch operation
- Fan operation
- Exhaust temperature

A driver can use the A/C control panel to select any of the following functions

- Inside temperature
- Blower speed
- Five different operation modes

## 1. Internal/External cycle pushbutton



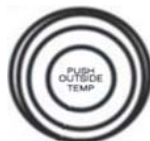
Press down this switch to circulate the air inside the vehicle. Press up the switch to introduce the filtered outside air into the vehicle.

## 2. Temp regulating knob



This knob is designated to change the temperature of the blew-out air. If the knob is turned in the anticlockwise direction to (the blue area), the air become cold; and if it is turned in the clockwise direction to (the red area), the air become hot.

## 3. Outside temperature pushbutton



Press the pushbutton, the A/C panel display will display the current outside ambient temperature.

## 4. AUTO mode pushbutton



Press this switch, the A/C system will enter into the automatic run mode.

## 5. OFF pushbutton



Press this switch, the A/C system will enter into the OFF state, the display



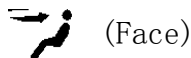
## A/C System

closes and all actuating mechanisms shut down at the same time and stop operating.

### 6. Mode control pushbutton

**MODE**

Use the pushbutton to select one of five settings (one setting is selected every press) to control the direction of air flow:

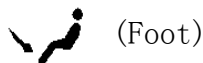


This setting is designated to introduce the air and guide it to flow across the vent of instrument panel;

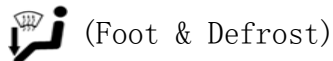


This setting is used to introduce the air and guide it to flow across the vent of instrument panel and the channel near

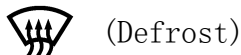
the floor at the same time;



This setting is used to introduce the air and guide it to flow across the channel near the floor;



This setting is used to introduce the air and guide it to flow across the channel near the floor and the front defroster at the same time;



This setting is used to introduce the air and guide it to flow across the front defroster.

### 7.A/C compressor ON/OFF pushbutton

**A/C**

To start the A/C system, press the A/C switch. The A/C compressor will operate automatically in the case of set mode, unless the outside temperature is less than 2°C.

### 8. Defrost pushbutton



Press this pushbutton to enable the system to forcefully switch into the DEFROST mode.

### 9. ▲ /▼ (air volume +/- pushbutton)

▲ The air volume increases by one gear every one press of the pushbutton until up to the 6<sup>th</sup> gear (max.);

- ▼ The air volume decreases one gear every one press of the pushbutton until down to ZERO gear (min.).

## Economy run of A/C system



The A/C compressor consumes the power of engine during cooling, and thus enables the fuel consumption to increase.

To save the energy and reduce the fuel consumption, please SHUTDOWN the A/C system when it is not on demand.

If there is high temperature in the compartment of parked vehicle due to the sunshine, it is recommended to open the windows or doors to dissipate the hot air. It is helpful to improve the cooling effect and reduce the fuel consumption.

DO NOT turn on the A/C system when any window opens during the traveling.

## General description

The A/C system can remove the moisture from the cooled air and the moisture will condense into water in the evaporator. So, when the vehicle stops for a short time, there is a few water accumulation under the bottom of vehicle. It is normal.

The warming effect depends on the temperature of engine coolant. So, the warming system can fully play its role only after the engine reaches the warm-up state.

To avoid the glass catches mist, it is recommended to place the blower on the low-speed gear position when the vehicle travels at low speed.

It is recommended not to let the cold air directly blow to your body.

## Simple operation description of the AUTO A/C system in hot whether

1. Press the “AUTO”.

## Emergency Procedures

2. Press the “Internal Cycle” pushbutton, and select the inside air cycle mode.
3. Set the temperature to “LO”.
4. Reset the temperature to the comfort temperature after the temperature decreases.

### **Recommendation:**

If the AUTO A/C system is used in the hot weather, please keep it on the inside air cycle state, which may reach the best cooling effect and separate it from the outside foreign odor.

## **Troubleshooting**

### **Cooling system out of service**

- The ambient temperature may be below 4°C.
- The fuse may be burnt out.

Check the fuse, and replace it, if necessary. If the trouble is not resulted due to the fuse, shut down the A/C cooling system (press the cooling ON/OFF button), and then let the professionals to check the system.

### **Cooling efficiency low**

Shut down the cooling system once it is found that the cooling efficiency is low and the air volume decreases, and let the professionals to check the system.

### Rear windscreen defrosting



Press the defrost heater switch to remove the cat ice and mist from the rear windscreen.

The rear windscreen-defrosting heater can work only after the ignition circuit turns on. Press the electric heater switch to turn ON/OFF the heating system. After the heater turns on, the indicator light on the switch lights, which shows that the heater is heating.

#### **CAUTION:**

Shut down the heater as soon as the rear windscreen is transparent in order to reduce the current consumption and save the fuel.

After defrosting for 10 minutes, or when the ignition switch is turned to the OFF position, the rear windscreen defrosting function will automatically closes. When defrosting for below 10 minutes, please press the Defrost switch once in order to manually stop the rear windscreen defrosting.

Activate the rear windscreen defrosting, and activate the exterior rear-view mirror to be heated at the same time.

### Chapter 10 Emergency Procedures

# Emergency

# Procedures

## Hazard warning flasher light



This light is used only in case of emergency event so as to alarm the other vehicle. If your vehicle extinguishes or approaches the hazard, press this switch to turn on or off the

flasher light. When the ignition switch turns off, the hazard warning flasher light still can operate.

## Partial operation

The engine control system of the vehicle has the partial operation function. The engine still can operate when the system has fault, but the performance of the engine may decrease.



Please immediately send the vehicle to the Chery's special service station to have it examined.

## Duly refuel



If the fuel gauge points to the low fuel area or if the low fuel indicator lamp lights, please immediately refuel.

When the fuel level is extremely low, the engine will operate unsteadily within a period of time after the low fuel indicator lamp lights, which is served as an additional alarm. In this case, please drive your vehicle to the nearest gas station to refuel.



The failure to duly refuel will make the engine automatically extinguish and also result the difficult start of the engine as well as require the emergency assistance from the Chery's special service station. In addition, it may damage the engine.

## Please properly use the compressor gun when refueling.

- Fully insert the compressor gun into the fuel tank. DO NOT lean the gun on the edge of fuel filler opening.

## Emergency Procedures

- If the automatic compressor gun is available, the automatic shutdown of the gun during refueling indicates that the fuel tank is fully refueled. In this case, DO NOT try to continuously refuel, otherwise there is no swelling space in the tank, and the fuel will overflow from the tank if the temperature increases.
- Please tighten the tank cup after refueling.
- Please keep to the local regulations and rules concerned when the canned spare fuel is carried.
- For the sake of safety, it is recommended not to carry the canned spare fuel in order to

avoid that the fuel overflows from the fuel can and thus a fire disaster occurs when an accident is met.

### Replace the bulb

Unless the event is very emergent, it is unallowable that the owner himself replace the bulbs of headlamp unit. Since the front bumper shall be removed before the headlamp is replaced, it is very difficult to do it if there is no special tools. If it is necessary to replace these bulbs, please turn off these lamps and disconnect the ignition switch before any bulb is replaced.

DO NOT directly hold the glass of bulb by hand, otherwise the fingerprints remained on the glass will be heated and volatilize after the lamp lights, and then deposit on the surface of mirror to make the reflector blacken.

When the bulb is replaced, the same model of bulb must be used. Please check the specification of the bulb before installation.

### Headlamp bulb:

12V 55W



## Emergency Procedures

**Turn signal, back-up,  
rear fog lamps bulb:**

12V 21W

**License plate, position,  
turn signal and  
high-mount stop lamps  
bulb:**

12V 5W

**Stop/position  
bulb:**

12V 21W/ 5W

**Front fog lamp bulb:**

12V 55W



After the headlamp bulb is replaced every time, calibrate the headlamp. The Chery's special service station can offer you the service.

**Headlamp unit (high  
beam/low  
beam/position/turn signal  
lamps inclusive)**

Any bulb above can be removed only

after the headlamp unit is removed.

1. Open the engine compartment bonnet.
2. Unscrew the protecting hoods from the low beam and the high beam bulb in the anticlockwise direction according to the position as shown in the diagram. Remove the harness connector from the bulb, press downward the clip of bulb holder by hand so as to make the clip get through the location groove and split towards the both sides, take out the bulb, and pay more attention to the location mark of the bulb.
3. CAUTION: DO NOT touch the surface of new bulb by hand in order to avoid it affects the brightness of the

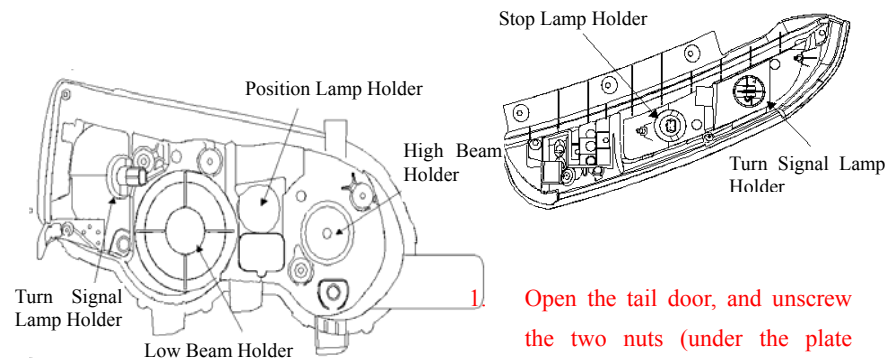
# Emergency Procedures

bulb. The lighting system is a safety component, please pay more attention on the replacement of it and ensure that any detail must be proper in case of replacement. Get to the Chery's special service station to have it repaired, if necessary.

## Front fog lamp bulb

Please get to the Chery's special service station to replace the front fog lamp bulb.

## Tail lamp bulb



The position lamp bulb can't be replaced. If the bulb fails to work, please immediately get to the Chery's special service station to have it repaired.

1. Open the tail door, and unscrew the two nuts (under the plate guard) used to fix the tail lamp from the internal side of luggage boot in the anticlockwise direction. Then, unscrew three fixing bolts from the tail lamp in

the anticlockwise direction, remove the harness connector from the tail lamp, and take out the tail lamp.

2. Unscrew the protecting hoods from the bulb in the anticlockwise direction according to the position as shown in the diagram.
3. Remove the harness connector from the bulb, press downward the clip of bulb holder by hand so as to make the clip get through the location groove and split towards the both sides, take out the bulb, and pay more attention to the location mark of the bulb.
4. CAUTION: DO NOT touch the surface of new bulb by hand in

## Emergency Procedures

order to avoid it affects the brightness of the bulb. The lighting system is a safety component, please pay more attention on the replacement of it and ensure that any detail must be proper in case of replacement. Get to the Chery's special service station to have it repaired, if necessary.

The position lamp bulb can't be replaced. If the bulb fails to work, please immediately get to the Chery's special service station to have it repaired.

5. Install it in reverse order.
6. After installation, check whether the lamp works normally.

### High-mount stop lamp bulb

The high-mount stop lamp bulb can't be replaced. If the bulb fails to work, please immediately get to the Chery's special service station to have it repaired.

### License plate lamp bulb

Installation position: On the top of license plate.

1. Remove the self-tapping screws used to fix the license plate lamp, and take out these screws.
2. Draw out the holder and take out the bulb damaged.
3. Install the new bulb into the holder, and then install the holder well.
4. Use the self-tapping screws to

tighten the lamp.

### Internal front/rear ceiling lamp bulb

1. Turn off the interior lights.
2. Insert the screwdriver into the gap between the lamp housing and lampshade, and carefully take out the lampshade.
3. Replace the bulb, and install the reflector.
4. Reinstall the lampshade into the installation hole located on the lamp housing.

### Sun visor mirror light:

Installation position: On the rear of sun visor.

Take out the mirror and then replace

## Emergency Procedures

the bulb.

### Luggage boot lamp bulb

Installation position: On the **side** of luggage boot.

1. Insert the screwdriver into the gap between the lamp housing and lampshade, and carefully take out the lampshade.
2. Replace the bulb.
3. Reinstall the lampshade into the installation hole located on the lamp housing.

### Regulate the beam of headlamp

Whether or not the adjustment of headlamp beam is proper has the direct

relation with the safety of travel. So, it is allowable to regulate the beam only using the special instrument. During adjustment, please abide by the laws and regulations concerned.

### Fuse and relay



Before the fuse and relay are replaced, shut down the ignition switch and all electrical equipment.

Replace the fault fuse with the new fuse of the same rated value. The position of the fuse box containing the main fuse and relay is shown in the figure.

The professional knowledge is required to replace the relay.

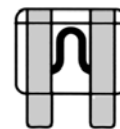
It is recommended to carry several

spare fuses with the vehicle in order to prevent some unexpected events.

There are various specifications of fuses stocked in the Chery's special service station.

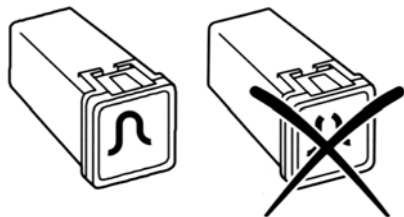
The fuse burnt can be identified using the fuse disconnection method. All fuses are push-on type ones.

### Fuse



### Cartridge fuse

## Emergency Procedures



### Replace the fuse

| Fuse Color Code |             |
|-----------------|-------------|
| Color           | Current (A) |
| Tan             | 5           |
| Brown           | 7.5         |
| Red             | 10          |
| Blue            | 15          |
| Yellow          | 20          |



Any unauthorized alteration of the vehicle's electrical or fuel system may make an influence on the performance of the vehicle and cause the fire disaster or potential hazard. So, it is recommended that any work related to the removal of fuel or electrical system and the replacement of relay shall be conducted by the Chery's special service station.

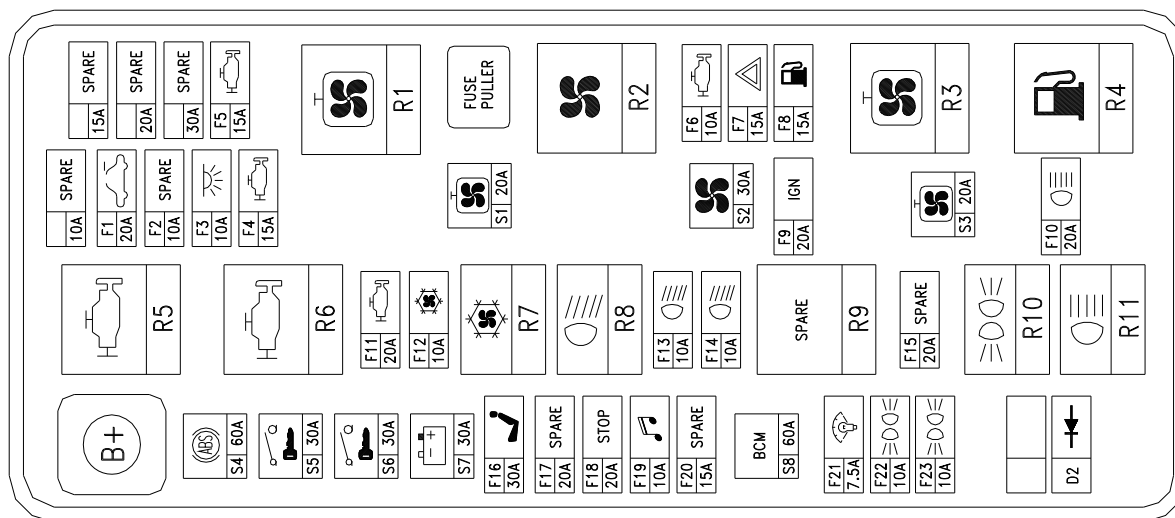
Your vehicle is accompanied by a fuse puller. You can find it from the engine compartment fuse box.

| Cartridge Fuse Color Code |             |
|---------------------------|-------------|
| Color                     | Current (A) |
| Green                     | 30          |
| Pink                      | 40          |
| Yellow                    | 60          |

## Engine compartment fuse box:

The fuse box is located at the right side of engine compartment and at the rear of battery. When the fuse is checked or replaced, loosen the claw and then pull up the bonnet to remove the fuse box cover plate ("B+" is the main power supply of fuse box).

° AMP >PA66-GF15<



# Emergency Procedures

## Replace the wheel



Before the vehicle is lifted up, please stick to the following precautions.

Stop your vehicle on a proper location, please make sure that it neither affect the traffic, nor endanger your safety during the replacement of tire.

Please ensure that the vehicle is placed on a stable, level ground. If necessary, a proper wedge is used to block the wheel in order to further secure your vehicle.

Please make sure that the front wheel faces to the right ahead.

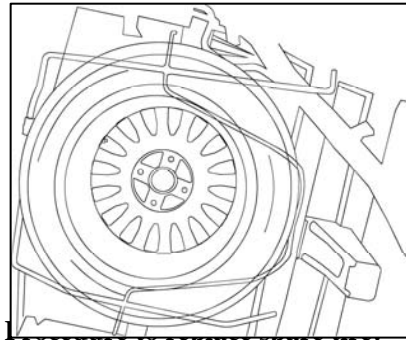
If the vehicle is equipped with the automatic transmission, please select the P gear position.

## Spare wheel



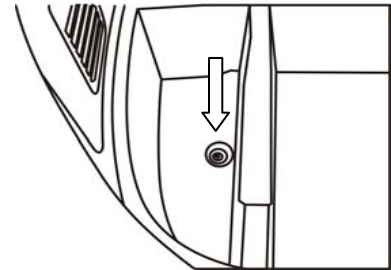
If the dimension of some one wheel (either steel ring or tire) is different from that of other wheels installed, please abide by the following regulations.

The spare wheel is located under the chassis and at the rear of rear axle.



1. Take out the cover plate of luggage boot glove box, use the driver tool -- cross screwdriver to

unscrew the glove box fixing bolts (each one at right and left sides) in the anticlockwise direction., and take out the glove box.



2. Take out the spongy cushion under the glove box, and use the driver tool – socket wrench to unscrew the spare tire towing hook nuts in the anticlockwise direction.

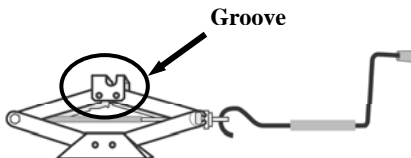


## Emergency Procedures



To lift up the vehicle using a jack is suitable for the replacement of wheel only. In this case, DO NOT operate under the bottom of vehicle.

3. When the towing hook bolt is unscrewed, detach the towing hook from the support used to fix the tire and then take out the spare tire. (Reinstall the tire in the reverse order.)



The max. working load of jack is 1,000Kg.

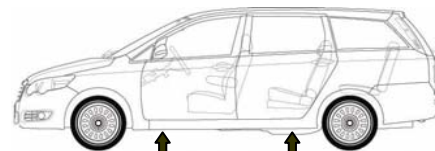
The jack is located at the front of luggage boot spare wheel.

### Jack lift point

The jack can push against only the special position of bottom of the vehicle shown in the figure below. The groove of jack pushes against the

convex part.

The position shall be close to the wheel to be repaired A.S.A.P.



Front wheel jack lift point

Rear wheel jack lift point

### Remove the wheel

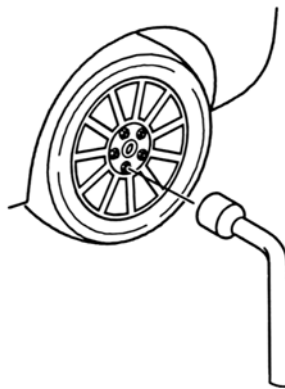
1. Make sure that the vehicle is placed on a stable, level ground and the front wheel faces to the right ahead.
2. Turn off the ignition switch.
3. Please select the P position of automatic transmission.



## Emergency Procedures

### Install the wheel

4. Tell the passengers to leave the vehicle.
5. If necessary, use the proper wheel stopper to secure the vehicle in order to avoid the roll or slide.
6. Insert the flat head screwdriver into the gap between the steel ring and hub cap, and carefully turn it to remove the hub cap.
7. As shown in the figure below, use the special tool to unscrew the wheel nuts.



8. Place the jack, and ensure that the whole seat is located on a solid ground.
  9. The jack must vertically lift up to the jack lift point.
  10. Lift up the vehicle until the wheel departs from the ground.
  11. Remove the wheel nuts and then take out the wheel.
1. Push the wheel to the rim bolt, tighten the wheel nut in the clockwise direction and make sure that the tip of wheel nut faces to the wheel.
  2. Lower the vehicle and remove the jack.
  3. Utilize the diagonal tightening method to fully tighten wheel nuts (the tightening torque is  $110 \pm 10$  Nm).
  4. Steadily press the hub cap by your both hands.
  5. Collect the jack and fault wheel, in the reverse order and fasten them.
  6. Do best to send them to the

## Emergency Procedures

Chery's special service station to check the tightening torque of wheel nut and the tire pressure.

### Battery

#### Recommendations on safety



When the battery is delivered, take the following countermeasures.



- The battery acid is corrosive. Put

on the glove and safety goggles. DO NOT let the acid or lead touch your skin or clothes. DO NOT tilt the battery, otherwise the acid may flow out from the vent. If the acid splashes into your eye, immediately use the clean water to wash your eye for several minutes and take medical treatment at once. If the acid splashes to the skin or clothes, use the alkaline water (soapy water) to neutralize it and then use the clean water to rinse it. If you unfortunately eat the acid, immediately get to hospital to see doctor.



- Keep the children away from the battery acid.



- When the battery is charged, it can emit the highly-explosive gas.



- Open flames, sparks and smoking prohibited. When the wiring and electrical operation conduct, please avoid the spark generation. Please DO NOT connect the electrical terminals. Any short circuit caused may create spark and give rise to injury.

## Emergency Procedures



- There is high voltage in the electronic ignition system. Please DO NOT touch these components when the engine is operating or the ignition switch turns on.

### Removal and Installation

When the removal and installation of the battery, take the following countermeasures:

- Your vehicle is equipped with the 12 V 75A•h maintenance-free lead-acid battery.
- Replace the battery with the lead-acid one, and DO NOT use other kinds of batteries. The

current and capacity of new battery must be the same as that of old battery or conform the Chery's specifications. For the proper battery specifications, please contact the Chery's special service station.

- After the ignition switch and all electrical equipment turn off, please remove the negative (-) cables first.
- Carefully operate in order to avoid that the metal tool touches the both electrical terminals of batter at the same time or contacts the positive terminal and vehicle body by accident.
- When the battery is reconnected, connect the positive (+) cable,

and then the negative (-) cable.

- After the battery is removed and reconnected, the performance of the vehicle may be somewhat abnormal at the early stage. This is the engine control system is readapting the engine. It can't be considered.



The used battery contains the sulphuric acid and lead. DO NOT dispose them as the common household waste. Please send them to the local qualified waste disposal station.

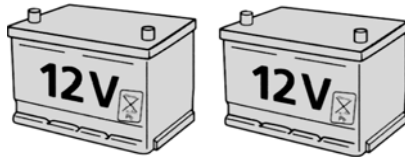


## Emergency Procedures

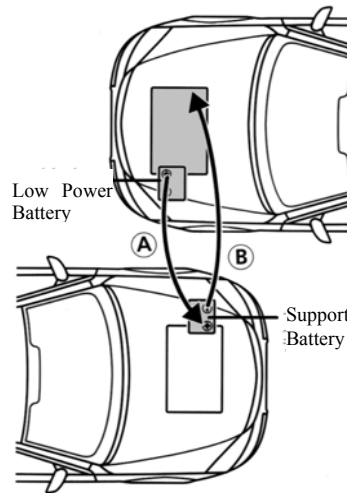
### Engine battery-assisted start method

If there is no power in the vehicle's battery, introduce the power of other vehicles into the vehicle and help the engine to start.

Connect the battery of the same nominal voltage (12V) only. Please use the jumper wire with the insulating clip, and the cable with proper dimension. Please DO NOT remove the low power battery from the electrical system of the vehicle.



### Connect the down-lead



1. Properly stop these vehicles in order to avoid that they don't touch each other.
2. Extinguish the engine, and turn off any unnecessary electrical equipment.
3. Connect the positive (+) terminal of the low power battery to the positive (+) terminal of the support battery via the wire A.

# Emergency Procedures

4. Connect one terminal of wire B to the negative (-) terminal of the support battery, the other terminal to the metal part of the engine to be started. Position the jumper wire in order to avoid it contacts the motion parts in the engine compartment.



DO NOT connect to the negative (-) terminal of the low power battery.

5. Make sure that the jumper cable can't interfere with the motion parts of engine.

## Start the engine

1. The engine of vehicle equipped with the support battery operates at the proper high speed.
2. Start the engine of vehicle with



To reduce the voltage surge during removal, please turn on the blower and electric heating type rear windscreen of the vehicle with low power battery. Please DO NOT turn on the headlamp to substitute the electric heating type rear windscreen, otherwise the surge voltage may burn out the bulb.

the low power battery, and start the vehicle with the low power battery within one second A.S.A.P.

3. Let the two engines of vehicles operate for three seconds before the down-lead is removed.

## Remove the down-lead

- Remove the down-lead B(-), and then the down-lead A (+).

## Tow truck

There are trunk rings equipped at the front and rear of the vehicle in order to install the tow cable.

During towing, slowly and smoothly travel to avoid the tow truck bounces. The big tow force may damage the vehicle.



During towing, the ignition switch of the vehicle to be towed shall be placed on the "ON" position to make the steering wheel, turn signal lamp and stop lamp work. Since the engine extinguishes, there is no brake boost and steering boost. The required operating force need to be increased. So, the power of brake and steering shall corresponding increases.



## **Chapter 11   Repair and Maintenance**

It is essential to take the regular maintenance on your vehicle during the course of use. Please implement the maintenance strictly according to the maintenance schedule provided in the Instruction Manual in order to ensure that your vehicle is kept the best performance and better running state and effectively extend the vehicle service life. In addition, it also lets you find and remove the potential hazard in time to avoid the occurrence of the fault. In the following paragraphs, we will describe in detail the routine maintenance, examination and care method. Please read it carefully.

# Care and Maintenance

The care and maintenance can be divided into two categories. One is the routine care and maintenance which can be implemented by the owner himself/herself, and the other is the regular care and maintenance, examination and repair, which shall be carried out by the Chery's special service station.

Please strictly use the oil, gasoline, brake fluid and anti-freeze fluid, which

are recommended in the Instruction Manual. Otherwise, it may damage your vehicle.

### **The Chery's special service station offers you the best services**

Only the genuine spare parts and materials can ensure the service life of your vehicle, and, here, please pay more attention: the Chery Automobile Co., Ltd. offers the Chery's special service station nationwide the genuine spare parts only. So, you get the genuine spare parts from the Chery's special service station only.

The Chery's special service station is the unique professional service station authorized by the Chery Automobile Co., Ltd.. The staffs have taken the



strict professional training organized by the Chery Automobile Co., Ltd.. They will do their best to offer you the best high-quality after-sale service. If you dissatisfy the work of the Chery's special service station, please feel free to email it to: [Cheryservice@myChery.com](mailto:Cheryservice@myChery.com). We will response to your questions very quickly. When emailing, please do not forget to explicitly note the model, chassis number, engine number, road mileage, and delivery date in your email.

## Items you must follow

Regularly check the level of fluids and refill the fluids concerned. Check whether or not the tire pressure, lamps

and braking function are normal. Check the warning lights. (See the Regular Maintenance Schedule below for your reference) .

The reservoirs for the brake fluid, coolant and power steering fluid are the semi-transparent containers which are convenient to quickly, visually check these fluids.



There is the high voltage in the electronic ignition system. Please DO NOT touch these parts when the engine is operating or the ignition switch turns on.



Turn off the ignition switch before working in the engine compartment. Even if the ignition switch turns off, the cooling fan also operates automatically. So, please take care of your clothes (tie) not to be caught by the fan or driving belt.

## General maintenance for a vehicle



The washing area where the ecological drainage system can't be damaged is available only.



The used engine oil, brake fluid, anti-freeze fluid, battery and tire are disposed by the qualified waste disposal mechanism only or you consult the related manufacturers about the disposal method. DO NOT disposal them as the household waste or drain them into the public drainage system.

Everyone shall concern about the environmental protection and do our best to protect environment.

## Maintenance Schedule

### Daily check:

Check the working condition of all exterior and interior lamps and lights. Replace the damaged or dim bulbs, and make sure that all mirrors are clean.

### Please check the following items when refueling:

- Engine oil level
- Brake fluid level
- Windscreen cleaning fluid level
- Tire pressure and status (for cold state only)

### Monthly check:

- Coolant level (for engine cold state)
- Whether or not there is leakage in the assy., pipelines, hoses and oil reservoirs
- Brake fluid level
- Power steering fluid level
- Whether or not the air conditioner works well\*
- Whether or not the hand brake works well
- Whether or not the horn works well

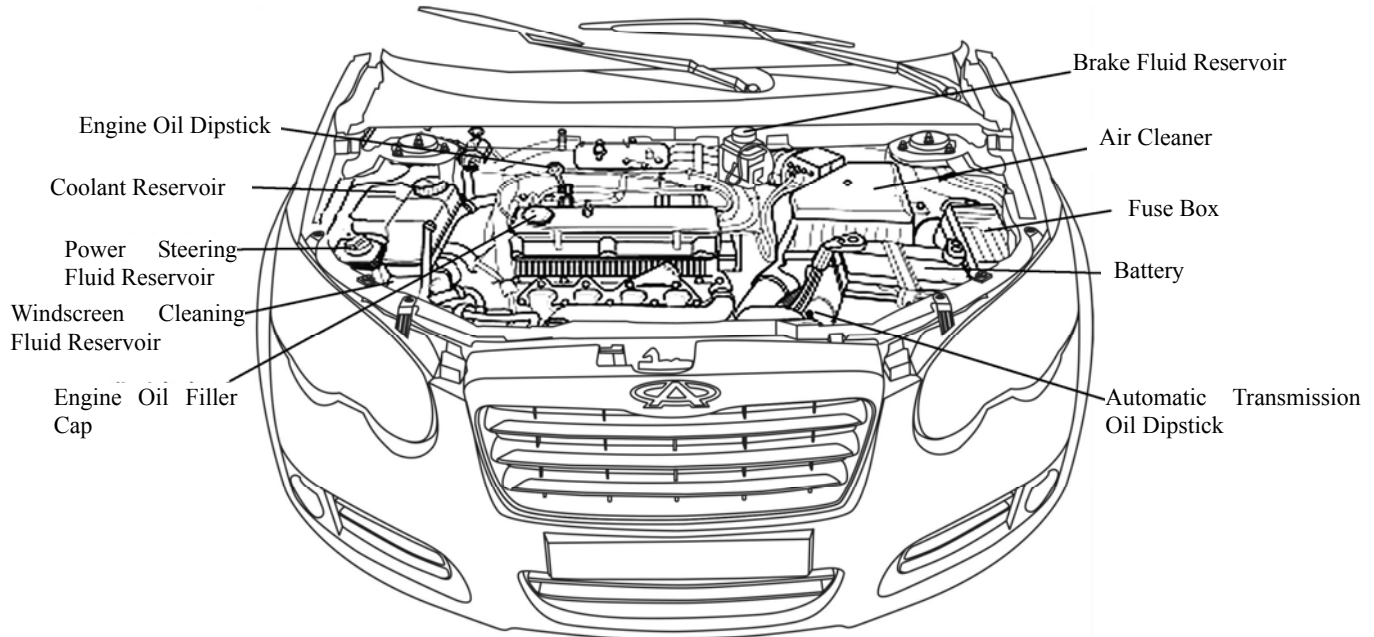
### CAUTION: \*

The air conditioner shall operate for above 30 minutes every month.

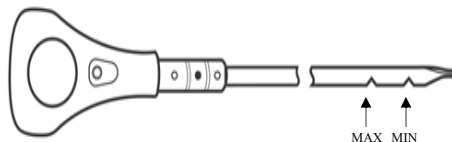


Keep the vehicle oil, grease lubricant and fluids out of the reach of children. Abide by the safety instructions on the containers to avoid your skin contacts the used oil.

## Engine compartment maintenance items



### Engine oil dipstick



The engine oil is affected by many factors. A new engine reaches the normal operating specification only after traveling approx. 5,000 Km. More engine oil might be consumed when the engine operates with high load.

Regularly check the engine oil, e.g. when refueling or before a long-distance journey.

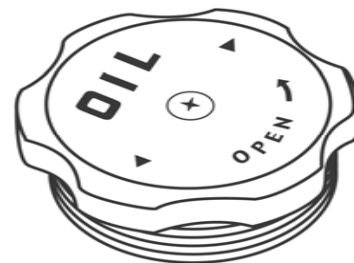
Stop the vehicle on a level ground before the engine oil is checked. Turn off the ignition switch and wait for several minutes in order to let the engine oil flow into the oil sump (It may need more time when the outside temperature is low or

the normal working temperature of the engine is still unavailable). Before the engine oil is checked, DO NOT start the engine at the cold state. Draw out the oil dipstick and clean it with the flannelette-free cloth. Carefully insert it and draw it out again.

If the level of oil is between the MIN and MAX marks on the lower of dipstick, DO NOT refill the oil. The hot oil may exceed the MAX mark several millimeters due to the thermal expansion.

If the level of oil is located at the lower MIN mark or below, refill the engine oil, which conforms to the Chery's specifications, to the position between the MIN and MAX marks only. For the details, see the chapter "Capacity and Specifications".

### Engine oil filler cap



Turn the filler cap in the anticlockwise direction and pull out it to open the filler cap. Please DO NOT open the filler cap when the engine is operating.



Please DO NOT use the oil additives or engine treating compound. It is not only unnecessary, but also may damage the engine in certain cases, without the warranty.

Turn the filler cap in clockwise direction until the "Kala" sound is heard. It means that the filler cap is closed.



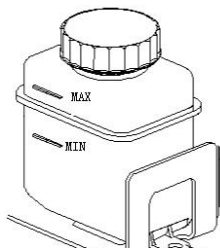
The household waste is unallowable to be placed into the empty oil container and disposed. When these wastes are disposed, please make use of the local waste disposal facilities qualified.

### Brake fluid/clutch oil



Please DO NOT let this fluid contact your skin or eye. If the occurrence of this case, please use a lot of clean water to wash the position affected and immediately get to see a doctor.

The brake fluid and clutch oil (exclusive at automatic gear position) are supplied by the same reservoir.



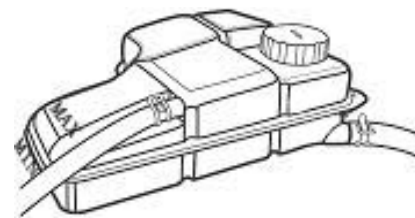
储液壶位于 engine 仓右后部。油位必 The level of oil shall be between the MIN and MAX marks at the reservoir side. If the level of oil drops down to the MIN mark, the brake fluid warning light will light.

The brake fluid which conforms to the Chery's specifications is available only. See the chapter "Capacity and Specifications". Send it to the Chery's special service station A.S.A.P. to check the leakage of the system.

Ensure that the brake fluid refilled is absolutely clean.



If the fluid contacts a surface painted, please use a wet sponge to remove the fluid or use enough water to wash the surface painted.



DO NOT open the cover of reservoir when the temperature of engine is extremely high. Otherwise, the coolant may spray out from the system and result the scalding or corrode the other parts and components.

The level of coolant can be seen through the semi-transparent reservoir. When the engine is in the cold state, the level of coolant shall be between the MIN and MAX marks. When the engine is in the hot state, the level of coolant may exceed the MAX mark due to the thermal expansion.

Refill the coolant only when the engine is in the cold state. If you have to refill it while the engine is in the hot state, wait for 10 minutes to cool the engine. Turn

the reservoir cap a quarter turn to relieve the accumulated pressure. Then, fully open the cap after a period of time. Refill the coolant suitable for the specification

Please **DO NOT** use the coolants with different colors and specifications.

of the vehicle.



The coolant is a kind of noxious fluid. **DO NOT** use it to wash your hand or clothes.

Carefully refill the coolant in order to avoid it splashes on the any position of engine. If the fluid contacts your skin or eye by accident, please use enough clean water to wash the position affected and immediately get to see a doctor.

The coolant with proper concentration cannot only prevent the engine from be frozen in winter, but also provide the anti-corrosion protection all the year around. The engine now operates at the extremely high temperature, and the bad coolant cannot provide the proper

protection for a engine.

So, please use the coolant which conforms to the Chery's specifications. **DO NOT** use the tap water to substitute the coolant.

For the capacity, please refer to the chapter "Capacity and Specification".

### Refill the coolant

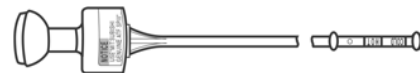
1, Unscrew the reservoir cap, refill the coolant up to the MAX mark, and operate the engine to make the temperature of water reach approx. 90°C. **DO NOT** unscrew the reservoir cap because there are some gases draining from the water passage. In this case, the level of fluid in the reservoir will drop down;

2, Turn off the engine, refill the coolant into the reservoir and repeat the process above until the level of reservoir doesn't

drop down any more, and then screw on the reservoir cap.



### Automatic transmission oil level



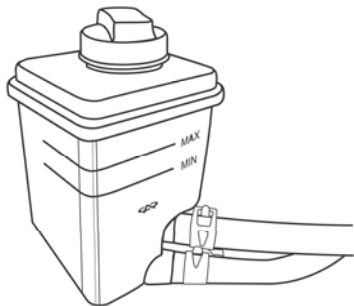
the Chery's special service station will check the level of automatic transmission oil when it conducts the routine maintenance on your vehicle. Get to the Chery's special service station or recommended station to refill the automatic transmission oil.

Replace the transmission oil once every approx. 100,000 Km road mileage. In case of the severe condition, replace the

automatic transmission oil once every 40,000 Km road mileage. During the routine examination, if it is found that the color of transmission oil becomes black, brown or there are obvious foreign materials in the oil, replace the transmission oil.

Model of transmission oil: DIAMOND ATF—SP-III.

### Check the level of power steering fluid

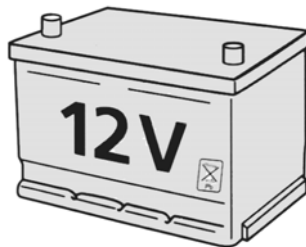


When the engine is in the cold state, the

level of fluid shall reach the MAX mark.

If the level is below the MIN mark, please refill the specified fluids.

### Battery

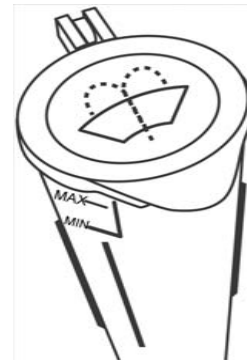


Few maintenance is available for the battery. The level of fluid will be checked during the routine maintenance and examination.

Your vehicle is equipped with a maintenance-free battery. It is not recommended to use the other model of batteries. The current and capacity of a

new battery must be the same as that of the used battery or conform to Chery's specifications. For the proper battery specifications, please contact and consult the Chery's special service station.

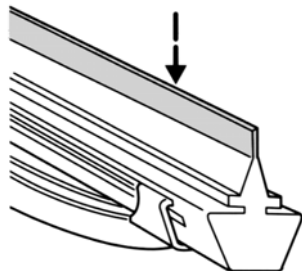
### Windscreen washer system



The front and rear washer system are watered by the same reservoir. If necessary, mix the clean water and windscreen cleaning fluid in the concentration of 1:20.

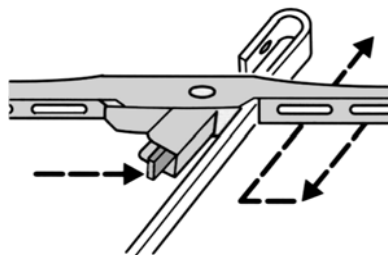
Please screw up the reservoir cap after refilling.

### Check the wiper blade



Slide your fingertip on the edge of the wiper blade to check its coarseness. The butter, silicone resin and fuel may result the wiper blade failure to work. It is recommended to use the windscreen cleaning fluid to clean the wiper blade.

### Replace the wiper blade



Raise the wiper arm until it is perpendicular to the wiper blade. To remove the wiper blade, press down the retaining clip in the arrow direction, release the wiper blade and then pull away the wiper arm in the reverse direction.

### Tire

For the sake of safety, when refueling, please check the pressure of tires (incl. spare tire) after these tires cool down. For

the details, refer to the tire pressure recommended in the chapter “Capacity and Specification”.

Comply with the correct tire pressure in particular when the vehicle travels at heavy load and high speed. The tire pressure insufficient may reduce the stability of the vehicle, increase the rolling resistance and quicken the wear of tire, and also result the damage which may cause the traffic accident.

If you have to drive your vehicle on the edge of road, you slowly drive it only. If possible, the wheel shall vertically approach the roadside. Avoid the upstanding obstacles with sharp edge. Take care not to scratch the lateral wall of tire when the vehicle stops.

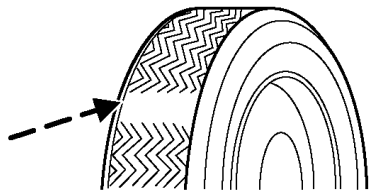
Regularly check whether there are the flesh cut, foreign material and uneven





The improper tire and wheel rim may result the traffic accident, without the warranty.

wear on the surface of tire. The uneven wear of tire tread indicates that the wheel alignment may be wrong.



The depth of the tire tread wear is illegally limited. After the wear reaches the limit value of 3 mm, there is a wear strip occurring on the tire tread, which indicates that the performance and safety of the tire reduce considerably and the tire must be replaced.



Dispose the worn tire according to local regulations on environmental protection. Change the winter tire to summer tire as soon as road condition permits, which can reduce fuel consumption and lower the noise.

### Replace the tire

The tire available for your vehicle is properly selected to provide the best operation, comfort and safety. The above specifications on the tire-wheel rim combination are suitable for the steel or aluminum alloy wheel rim. To understand whether the other kinds of tires and wheel rims are used in this vehicle, please contact the Chery's special service station.



It is strongly recommended to

use the genuine tire when the tire is installed or to refer to the recommendation from the Chery's special service station.

### CAUTION:

The pedometer is affected by the dimension of tire applicable for the vehicle. If the tire dimension (diameter) is different from that of the genuine tire, the exact speed can't be displayed.

### Snow tire chain

The snow tire chain can be applicable for the summer and winter tires while is used on the driving wheel (front wheel) only.

## CAUTION:

When the snow tire chain is in service, the performance of the vehicle equipped with the snow tire chain control system may be somewhat abnormal, and this symptom can be removed when the system shuts down.

To avoid the damage of the full-diameter wheel cap, remove the cap before the snow tire chain is installed.

Immediately install the wheel cap after the snow tire chain is removed.



1. The speed shall not exceed 50 Km/h when the snow tire chain is available.
2. The snow tire chain shall be immediately removed in case that there is no snow on the road.

## Drive belt

The drive belt is one of the parts subject to the most severe stress. Therefore, the belt must be of high quality and reliable to meet operational needs.

When the drive belt is replaced, it cannot meet the requirement if the belt with the same dimension is selected only. For the sake of safety, please use the Chery genuine belts only. The Chery's special service station has the genuine driving belt.

The driving belt may somewhat extend after it is in service for a certain time, and the belt will be loose when the extension reaches the limit, which may result the fault and damage the vehicle. So, the tension of generator belt shall be checked after the vehicle travels 1,000 Km.

## Check the tension of drive belt

1. Turn off the ignition switch, and take out the key.
- 
- If you want to install a nonstandard tire or wheel rim, (e.g., light alloy wheel rim or wheel with winter tire), comply with the related instructions or contact the Chery's special service station.
2. Press the intermediate position of the belt with your thumb (approx. 100 N), and check the flexibility of

the belt:

Max. allowable flexibility: 10 mm.

3. If the flexibility exceeds the allowable value, please immediately get to the Chery's special service station to have it regulated.

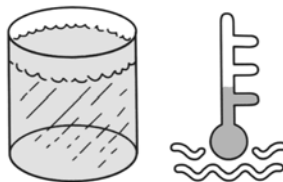
### Wash the vehicle

DO NOT throw the cleaning materials into the household waste. Please make use of the local waste disposal facilities qualified.



The washing area where the ecological drainage system can't be damaged is available only. The most important factor to protect the painted surface of the vehicle is to use the clean water.

**Use the cold or slightly-warmed water to wash the vehicle only.**



### Automatic vehicle washer

The best method to wash a vehicle is to employ the brushless facilities in a good vehicle-washing workshop. The powerful waterflow may be sprayed into the vehicle if the vehicle-washing system with high-pressure water is available.



first.

Before the automatic vehicle washer is available, please turn off the heating blower

### Wash the vehicle manually

If the vehicle cleaning fluid is available,

please use a lot of water to wash the vehicle, and clean the vehicle with a dry cloth.



After the vehicle is cleaned, step on the brake pedal service times to remove the moisture from the brake disc during the journey.

### Clean the headlamp

To avoid the damage of the plastic mirror of headlamp, DO NOT use the corrosive abrasives or chemical solvents. DO NOT wipe the lamps when the mirror is dry, or use a keen-edged object to clean the lens.

### Clean the rear windscreen

When the rear windscreen is cleaned, use the soft cloth to wipe it only in order to avoid the damage of the heating components or radio antenna. DO NOT use the solvents or keen-edged objects to clean the windscreen.

## Chassis anti-corrosion

The vehicle's chassis has already conducted the anti-corrosion treatment. Regularly check the chassis anti-corrosion protection, and, if necessary, get to the Chery's special service station to have it repaired.

## Clean the wheel

On the basis of the road mileage, clean the wheel once every week in order to avoid the dust accumulates on the brake. Employ the wheel cleaning agent or warm water and soft sponge to clean the wheel. DO NOT use the abrasive materials to clean it in order to avoid they

When the vehicle is polished, take care not to let the polishing compound to contact the plastic surface. Otherwise, it is difficult to remove it. In addition, DO NOT polish the vehicle in the strong sunshine.



damage the special machined surface.

## The cleaning products

To get the best effect, please properly use the vehicle care products.



The proper leather cleaning materials and cleaning agents are available only.

## Paint removing treatment

For the paintwork damage or slight scratch created due to the ballast on the road, please get to the Chery's special service station to have it treated.

## Paintwork protection

Wax your vehicle once or twice every year to keep the paintwork smooth, better.

## Leather fabric care

Use the wet cotton cloth and tower to wipe the leather surface, and dry it with a clean soft cloth. Use such the neutral cleaning agents as soap foaming agent to clean the extremely dirty surface. During

To ensure the permanent the paintwork of the vehicle, remove in time the substances harmful to the paintwork, such as: bird droppings, resin, insect residuals, tar spots, road snow-removing salt, industrial waste and etc.

the normal service period, it is recommended to use the special curing agent for leather to care the leather once every six months.

DO NOT let the leather over-wet, especially par more attention not to make the water enter into the gaps.

## Repair and Maintenance

### Clean the radiator

After the vehicle travels for a period of time, the windward side of the condenser and radiator may be jammed by some insects, tree leaves, and other foreign materials. In this case, it will make an influence on the performance of the air conditioner and cooling system, which results the air conditioner failure to operate normally, cooling system over-heat and etc. So, it is necessary to clean the radiator and condenser.

It is advisable that the front surface of radiator is cleaned once every year. Use the compressed air or water to clean the fins of radiator, blow by the small insects, bugs, tree leaves and etc.

Through the radiator, blow the gas from the rear to the front of the radiator to clean the condenser. When the engine is in the cold state, use the water to wash the radiator.

The pressure of air and water shall not

exceed 150 KPa. If the pressure exceeds 150 KPa, it may damage the fins of radiator.



### Regulations on the regular maintenance

Please get to the Chery's special service station to have your vehicle maintained according to the specified mileage.

The fins of radiator are essential to conduct the better heat conduction. DO NOT brush these fins. Otherwise, it may damage the fins and reduce the heat conduction. DO NOT spray the water on the hot radiator because the hot gas generated will make people injured. Use the water to wash the radiator only when the engine stops operating and cools down.

| Maintenance Item | Mileage (Km) |        |        |
|------------------|--------------|--------|--------|
|                  | 5,000        | 15,000 | 30,000 |

## Repair and Maintenance

| Maintenance Item  | Mileage (Km) |        |        |
|---|--------------|--------|--------|
|   | 5,000        | 15,000 | 30,000 |
| Lighting, warning flasher devices, horn: Check the performance  |              | ★      | ★      |
| Wiper and cleaning equipment: Check the performance, and add the cleaning fluid, if necessary   |              | ★      | ★      |
| Check the free travel of clutch and the clutch fluid level, and regulate it, if necessary   |              | ★      | ★      |
| Engine oil: Replace it  | ★            | ★      | ★      |
| Oil cleaner: Replace it   | ★            | ★      | ★      |
| Transmission oil: Check the level of oil, color and quality of oil, and refill it, if necessary   | ★            | ★      | ★      |
| Engine : Check the leakage (engine oil, anti-freeze fluid, fuel, A/C system and etc)  | ★            | ★      | ★      |
| Battery : Check the level of electrolyte, and refill the distilled water, if necessary (equipped with the non-maintenance-free battery) |              | ★      | ★      |
| Timing belt: Check the wear and tension, and regulate or replace it, if necessary   |              |        | ★      |
| Engine compartment bonnet hinge and lock: Lubricate them  | ★            | ★      | ★      |
| Door hinge and limiter: Lubricate them  | ★            | ★      | ★      |
| Spark plug: Check it, and replace it, if necessary  |              | ★      | ★      |
| Air cleaner: Clean the housing, clear up the cleaner element, and replace the element, if necessary                                     | ★            | ★      | ★      |
| A/C cleaner: Check the cleanness, and replace it, if necessary  |              | ★      | ★      |
| Ignition timing: Check it   | ★            | ★      | ★      |

## Repair and Maintenance

| Maintenance Item  | Mileage (Km) |        |        |
|---|--------------|--------|--------|
|   | 5,000        | 15,000 | 30,000 |
| Fuel cleaner: Replace it  |              |        | ★      |
| Wedge-shaped belt: Check the tension, and regulate or replace it, if necessary                            |              | ★      | ★      |
| Transmission: Check the leakage or damage   |              | ★      | ★      |
| Dust cap of constant velocity universal joint: Check whether or not it is damaged                         | ★            | ★      | ★      |
| Steering tie rod end: Check the clearance and whether or not the dust cap is damaged                      | ★            | ★      | ★      |
| Protective sleeve of steering universal joint assy.: Check the malposition or damage                      |              | ★      | ★      |
| Hand brake : Check its travel, and regulate it, if necessary  |              | ★      | ★      |
| Brake lining /brake shoe: Check its thickness, and replace it, if necessary                               | ★            | ★      | ★      |
| Brake disc/brake drum: Check whether or not it works normally or is damaged, and replace it, if necessary |              | ★      | ★      |
| Body bottom protector: Visually check whether or not it is damaged  |              |        | ★      |
| Seat belt: Check whether or not it is damaged   |              | ★      | ★      |
| Toe-in value, wheel camber angle: Check them, and replace them, if necessary                              |              | ★      | ★      |
| Ball pin: Check the clearance   |              | ★      | ★      |
| Rear shaft rubber hinge: Check whether or not it is damaged   |              | ★      | ★      |

## Repair and Maintenance

| Maintenance Item   | Mileage (Km) |        |        |
|--|--------------|--------|--------|
|  | 5,000        | 15,000 | 30,000 |
| Universal joint/front wheel bearing: Check whether the connection is loose, and the abnormal sound   |              |        | ★      |
| Engine oil sump bolt: Check whether or not it is loosen, and tighten it, if necessary  |              |        | ★      |
| Control arm rubber sleeve: Check whether or not it is damaged  |              | ★      | ★      |
| Brake hose: Check whether or not it is aged or damaged   |              | ★      | ★      |
| Brake pipe: Check whether or not it is damaged or corroded, and the leakage of all joints  |              | ★      | ★      |
| Suspension components: Check whether or not they are abnormally loosen or damaged due to friction, and whether or not they normally work   | ★            | ★      | ★      |
| Joints for fuel system: Check the aging, damage, abnormal loose or friction  |              |        | ★      |
| Exhaust system: Check the leakage and damage, and regulate or replace it, if necessary   |              | ★      | ★      |
| Steering system: Check the level of power steering fluid, whether or not the clearance of gear rack of steering wheel is proper, the connection status of all adapting parts, whether or not the system works normally, and repair or replace it, if necessary |              | ★      | ★      |
| Cooling system: Check the level of anti-freeze fluid, check the status of all connection pipes, leakage, and replace it, if necessary  | ★            | ★      | ★      |
| Braking system: Check the level of brake fluid, check the status of all connection pipes, the leakage and damage, the working condition of the system, and repair or replace it, if necessary  | ★            | ★      | ★      |



## Repair and Maintenance

| Maintenance Item  | Mileage (Km) |        |        |
|---|--------------|--------|--------|
|   | 5,000        | 15,000 | 30,000 |
| A/C system: Check whether or not its pressure is normal, check the leakage, abnormal sound, abnormal odor, and whether or not the system works normally   | ★            | ★      | ★      |
| Tire (incl. spare tire) : Check the depth of tread, regulate the pressure of tire, and check the tightening torque of wheel bolt  | ★            | ★      | ★      |
| Tire: Change the position of tire   |              | ★      | ★      |
| Chassis and body connecting bolt: Check whether it is loose, and tighten it, if necessary   | ★            | ★      | ★      |
| Wheel: Check whether or not it is loose   | ★            | ★      | ★      |
| Engine idle speed check: Check the working state of engine at the idle speed, whether or not the parameters of electronic fuel injection system and the exhaust are normal, and regulate it, if necessary | ★            | ★      | ★      |
| Trial driving: Check whether or not the function of any mechanism is normal, and regulate it, if necessary  | ★            | ★      | ★      |
| Note: For manual transmission, replace the transmission gear oil once every one(1) year or 30,000 Km road mileage, and replace the brake fluid once every two(2) year or 50,000 Km road mileage.          |              |        |        |



# First 5,000Km Maintenance Card

(Within six(6) months as of purchase date)

Date: \_\_\_\_\_

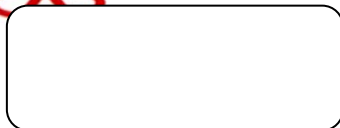
Mileage:

Purpose:

License plate number:

Special service station  
(stamp)

Owner's Signature:



Special service station (stamp)

## Vehicle Profile

Owner: \_\_\_\_\_

Company (Name: \_\_\_\_\_)

Address:

Telephone: \_\_\_\_\_

E-Mail: \_\_\_\_\_

Purchase Date:

Purpose:

License plate number: \_\_\_\_\_

Chassis No

[illegible]

Model

|  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|
|  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|

## Model Description

[illegible][illegible]

Engine No/Transmission No

|  |  |
|--|--|
|  |  |
|--|--|

Paint No/Interior Equipment

|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|--|--|--|--|

Optional

[illegible][illegible][illegible][illegible]



## Fist 5,000 Km Maintenance Card (Within six(6) months as of purchase date)

Date: \_\_\_\_\_ Mileage: \_\_\_\_\_

| Items to be checked:  | Yes                      | No                       | Items to be checked:   | Yes                      | No                       |
|---|--------------------------|--------------------------|--|--------------------------|--------------------------|
| 1. Check the leakage of lubricating system, cooling system and fuel system.                             | <input type="checkbox"/> | <input type="checkbox"/> | 11. Check the tension of generator and air conditioner belts, and regulate the tension, if necessary.  | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Replace the engine oil and oil cleaner.  | <input type="checkbox"/> | <input type="checkbox"/> | 12. Check the engine compartment bonnet hinge and lock tongue.   | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Check the transmission oil level, color and quality of oil, and refill it, if necessary.             | <input type="checkbox"/> | <input type="checkbox"/> | 13. Check the leakage of A/C system.   | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Check the coolant level, and refill the coolant or regulate the coolant concentration, if necessary. | <input type="checkbox"/> | <input type="checkbox"/> | 14. Check the leakage of the power steering pipes, and refill the power steering fluid.  | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Check the leakage of transmission.   | <input type="checkbox"/> | <input type="checkbox"/> | 15. Check the installation and damage of the dust cap for steering universal joint.  | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Check the damage of the dust cap for steering tie rod.   | <input type="checkbox"/> | <input type="checkbox"/> | 16. Check whether or not all gear positions of the manual transmission are shifted smoothly.   | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. Check whether or not the dust cap for drive shaft constant velocity universal joint is damaged.      | <input type="checkbox"/> | <input type="checkbox"/> | 17. Check whether or not the chassis and body connecting bolt is loose.  | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. Check the leakage of brake fluid, and the damage of brake pipe.                                      | <input type="checkbox"/> | <input type="checkbox"/> | 18. Check whether or not the seat belt works normally.   | <input type="checkbox"/> | <input type="checkbox"/> |
| 9. Check whether or not any brake wheel cylinder works effectively.                                     | <input type="checkbox"/> | <input type="checkbox"/> | 19. Check the working state of engine at the idle speed, whether or not the parameters of electronic fuel injection system and the exhaust are normal. | <input type="checkbox"/> | <input type="checkbox"/> |
| 10. Check whether or not the tire inflation pressure conforms to the specified value.                   |                          |                          | 20. Test the vehicle to check whether or not the function of any mechanism is normal.  |                          |                          |

## Fist 5,000 Km Maintenance Card

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

Purpose: \_\_\_\_\_

License plate number: \_\_\_\_\_

Special service station (stamp)

Owner's Signature: \_\_\_\_\_

# Maintenance Record

### Regular Maintenance

For 10,000Km of road mileage or within six(6) months after the last service, the 5,000Km maintenance items are available

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

Service Station (Stamp)

Owner's Signature

Date or mileage for next service

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

### Regular Maintenance

For 15,000Km of road mileage or within six(6) months after the last service, the 15,000Km maintenance items are available

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

Service Station (Stamp)

Owner's Signature

Date or mileage for next service

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

### Regular Maintenance

For 20,000Km of road mileage or within six(6) months after the last service, the 5,000Km maintenance items are available

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

Service Station (Stamp)

Owner's Signature

Date or mileage for next service

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

## Repair and Maintenance

### Regular Maintenance

For 25,000Km of road mileage or within six(6) months after the last service, the 5,000Km maintenance items are available.

Date: \_\_\_\_\_  
Mileage: \_\_\_\_\_

Service Station (Stamp)  
Owner's Signature  
Date or mileage for next service

Date: \_\_\_\_\_  
Mileage: \_\_\_\_\_

### Regular Maintenance

For 30,000Km of road mileage or within six(6) months after the last service, the 30,000Km maintenance items are available

Date: \_\_\_\_\_  
Mileage: \_\_\_\_\_

Service Station (Stamp)  
Owner's Signature  
Date or mileage for next service

Date: \_\_\_\_\_  
Mileage: \_\_\_\_\_

### Regular Maintenance

For 35,000Km of road mileage or within six(6) months after the last service, the 5,000Km maintenance items are available

Date: \_\_\_\_\_  
Mileage: \_\_\_\_\_

Service Station (Stamp)  
Owner's Signature  
Date or mileage for next service

Date: \_\_\_\_\_  
Mileage: \_\_\_\_\_

The regular maintenance is available in accordance with the items specified in the V525 vehicle regular technical maintenance service.

## Repair and Maintenance

### Regular Maintenance

For 40,000Km of road mileage or within six(6) months after the last service, the 5,000Km maintenance items are available

Date: \_\_\_\_\_  
Mileage: \_\_\_\_\_

Service Station (Stamp)  
Owner's Signature  
Date or mileage for next service

Date: \_\_\_\_\_  
Mileage: \_\_\_\_\_

### Regular Maintenance

For 45,000Km of road mileage or within six(6) months after the last service, the 15,000Km maintenance items are available

Date: \_\_\_\_\_  
Mileage: \_\_\_\_\_

Service Station (Stamp)  
Owner's Signature  
Date or mileage for next service

Date: \_\_\_\_\_  
Mileage: \_\_\_\_\_

### Regular Maintenance

For 50,000Km of road mileage or within six(6) months after the last service, the 5,000Km maintenance items are available

Date: \_\_\_\_\_  
Mileage: \_\_\_\_\_

Service Station (Stamp)  
Owner's Signature  
Date or mileage for next service

Date: \_\_\_\_\_  
Mileage: \_\_\_\_\_

The regular maintenance is available in accordance with the items specified in the V525 vehicle regular technical maintenance service.

## Repair and Maintenance

### Regular Maintenance

For 55,000Km of road mileage or within six(6) months after the last service, the 5,000Km maintenance items are available

Date: \_\_\_\_\_  
Mileage: \_\_\_\_\_

Service Station (Stamp)  
Owner's Signature  
Date or mileage for next service

Date: \_\_\_\_\_  
Mileage: \_\_\_\_\_

### Regular Maintenance

For 60,000Km of road mileage or within six(6) months after the last service, the 30,000Km maintenance items are available

Date: \_\_\_\_\_  
Mileage: \_\_\_\_\_

Service Station (Stamp)  
Owner's Signature  
Date or mileage for next service

Date: \_\_\_\_\_  
Mileage: \_\_\_\_\_

### Regular Maintenance

For 65,000Km of road mileage or within six(6) months after the last service, the 5,000Km maintenance items are available

Date: \_\_\_\_\_  
Mileage: \_\_\_\_\_

Service Station (Stamp)  
Owner's Signature  
Date or mileage for next service

Date: \_\_\_\_\_  
Mileage: \_\_\_\_\_

The regular maintenance is available in accordance with the items specified in the V525 vehicle regular technical maintenance service.

## Repair and Maintenance

### Regular Maintenance

For 70,000Km of road mileage or within six(6) months after the last service, the 5,000Km maintenance items are available

Date: \_\_\_\_\_  
Mileage: \_\_\_\_\_

Service Station (Stamp)  
Owner's Signature  
Date or mileage for next service

Date: \_\_\_\_\_  
Mileage: \_\_\_\_\_

### Regular Maintenance

For 75,000Km of road mileage or within six(6) months after the last service, the 15,000Km maintenance items are available

Date: \_\_\_\_\_  
Mileage: \_\_\_\_\_

Service Station (Stamp)  
Owner's Signature  
Date or mileage for next service

Date: \_\_\_\_\_  
Mileage: \_\_\_\_\_

### Regular Maintenance

For 80,000Km of road mileage or within six(6) months after the last service, the 5,000Km maintenance items are available

Date: \_\_\_\_\_  
Mileage: \_\_\_\_\_

Service Station (Stamp)  
Owner's Signature  
Date or mileage for next service

Date: \_\_\_\_\_  
Mileage: \_\_\_\_\_

The regular maintenance is available in accordance with the items specified in the V525 vehicle regular technical maintenance service.



## Repair and Maintenance

### Regular Maintenance

For 85,000Km of road mileage or within six(6) months after the last service, the 5,000Km maintenance items are available

Date: \_\_\_\_\_  
Mileage: \_\_\_\_\_

Service Station (Stamp)  
Owner's Signature  
Date or mileage for next service

Date: \_\_\_\_\_  
Mileage: \_\_\_\_\_

### Regular Maintenance

For 90,000Km of road mileage or within six(6) months after the last service, the 30,000Km maintenance items are available

Date: \_\_\_\_\_  
Mileage: \_\_\_\_\_

Service Station (Stamp)  
Owner's Signature  
Date or mileage for next service

Date: \_\_\_\_\_  
Mileage: \_\_\_\_\_

### Regular Maintenance

For 95,000Km of road mileage or within six(6) months after the last service, the 5,000Km maintenance items are available

Date: \_\_\_\_\_  
Mileage: \_\_\_\_\_

Service Station (Stamp)  
Owner's Signature  
Date or mileage for next service

Date: \_\_\_\_\_  
Mileage: \_\_\_\_\_

The regular maintenance is available in accordance with the items specified in the V525 vehicle regular technical maintenance service.

## Safety Protection System

If your vehicle is equipped with the air bag system, you must replace the complete air bag system every ten(10) years as of the purchase date, and it must be replaced by the Chery's special service station.

To ensure the normal operation of the air bag system, please get to the Chery's special service station to have the air bag system replaced within the specified time.

If the air bag system is replaced before the specified time (e.g., after the occurrence of an accident), please carefully fill out the replacement record for future reference.

### Air Bag System Replacement Record

- ☐ Driver air bag
- ☐ Passenger air bag
- ☐ left-side air bag
- ☐ Right-side air bag
- ☐ Air bag control module
- ☐ Air bag harness
- ☐ Pretensioner seat belt
- ☐ Other parts

1, -----

2, -----

3, -----

4, -----

5, -----

6, -----

Date: -----

Special Service Station

Stamp:

### Air Bag System Replacement Record

- ☐ Driver air bag
- ☐ Passenger air bag
- ☐ left-side air bag
- ☐ Right-side air bag
- ☐ Air bag control module
- ☐ Air bag harness
- ☐ Pretensioner seat belt
- ☐ Other parts

1, -----

2, -----

3, -----

4, -----

5, -----

6, -----

Date: -----

Special Service Station

Stamp:

## Quality Warranty Service

### Air Bag System Replacement Record

- ☐ Driver air bag
- ☐ Passenger air bag
- ☐ left-side air bag
- ☐ Right-side air bag
- ☐ Air bag control module
- ☐ Air bag harness
- ☐ Pretensioner seat belt
- ☐ Other parts

1, \_\_\_\_\_  
 2, \_\_\_\_\_  
 3, \_\_\_\_\_  
 4, \_\_\_\_\_  
 5, \_\_\_\_\_  
 6, \_\_\_\_\_

Date: \_\_\_\_\_

Special Service Station

Stamp:

### Air Bag System Replacement Record

- ☐ Driver air bag
- ☐ Passenger air bag
- ☐ left-side air bag
- ☐ Right-side air bag
- ☐ Air bag control module
- ☐ Air bag harness
- ☐ Pretensioner seat belt
- ☐ Other parts

1, \_\_\_\_\_  
 2, \_\_\_\_\_  
 3, \_\_\_\_\_  
 4, \_\_\_\_\_  
 5, \_\_\_\_\_  
 6, \_\_\_\_\_

Date: \_\_\_\_\_

Special Service Station

Stamp:

### Air Bag System Replacement Record

- Driver air bag
- Passenger air bag
- left-side air bag
- Right-side air bag
- Air bag control module
- Air bag harness
- Pretensioner seat belt
- Other parts

1, \_\_\_\_\_  
 2, \_\_\_\_\_  
 3, \_\_\_\_\_  
 4, \_\_\_\_\_  
 5, \_\_\_\_\_  
 6, \_\_\_\_\_

Date: \_\_\_\_\_

Special Service Station

Stamp:

## Chapter 12   Quality Warranty Service

### Warranty for an complete vehicle

Any V525 vehicle sold by a authorized sales service center can enjoy the conditional quality warranty. Within the warranty, if the quality fault of the vehicle occurs in case of the normal operation and maintenance, it is covered by the warranty, and the owner does not pay for the maintenance and repair. However, the vehicle must be repaired by the Chery's special service station.

The quality warranty period for the non-operational V525 vehicle is **thirty-six(36) months** or **60,000Km** accumulated road mileage while the warranty period for the operational

vehicle is **twelve(12) months** or **100,000Km** accumulated road mileage, whichever comes first (i.e., one of the both conditions comes, the vehicle isn't subject to the quality warranty), and the warranty period is calculated starting from the earliest among the date that the owner receives the vehicle, the owner information upload date, the invoice date of purchasing, and license receiving date. If the purpose of vehicle changes within the warranty period, the warranty duration and mileage concerned doesn't alter.

Within the warranty period, if the vehicle is subject to regular maintenance according to the requirements specified by the Chery Automobile Co., Ltd. while the complete vehicle or some parts have

fault(s) and they are covered by the quality warranty, please get to the Chery's special service station to have your vehicle examined and repaired.

### Quality warranty period of special parts (limited to the original quality problems only):

12 months or 40,000 Km warranty for the oxygen sensor, injection nozzle, clutch plate, damper, damper rubber sleeve, dust cap, supporting block, engine timing belt, brake disc, tensioner pulley, and tensioner.

6 months or 30,000 Km warranty for horn.

12 months or 60,000 Km warranty for the generator belt.

## Quality Warranty Service

12 months or 20,000 Km warranty for the plastic parts, rubber parts, switches, and lamps.

### **Quality warranty period of the wearing parts (limited to the original quality problems only)**

The quality warranty period of the wearing parts is three(3) months or 5,000Km.

**The wearing parts include:** Bulb, glass products, air cleaner element, fuel cleaner, oil cleaner, wiper blade, tire, clutch lining, brake shoe, spark plug, high-voltage cable, and battery.

#### **Parts not covered by the Warranty:**

The normal consumption of lubricating oil (grease), brake fluid, low power battery, engine coolant,

power steering fluid, engine oil and etc., fuse.

Note: For the warranty period for the wearing parts and special parts, it is calculated on the duration and mileage, whichever comes first. The warranty period of the other parts is the same as that of the complete vehicle.

## Capacity and Specification Parameters

### ■ Coverage of the warranty

Comply with the regulations specified in this instruction manual to use, repair and maintain your vehicle. And bring this manual that can prove your vehicle has been regularly examined and repaired.

The quality defects and damages caused by product design, manufacturing, assembly, raw material defect and other factors

If an owner reclaims the quality warranty, he/she shall protect the original status of the damaged parts in order to clarify what truly happened.

The replacement and repair for parts within warranty period will not extend the warranty period for complete vehicle or parts. The removed parts within warranty period are subject to the Chery Automobile Co., Ltd.. Items not covered by the Warranty

#### **1. The following faults are not covered by the Quality Warranty:**

1) Faults occurred in the vehicle which is repaired or maintained by the owner himself/herself or by the service station other than Chery's special service stations.

2) The Chery Company will not be responsible for any direct or indirect damage caused due to the installed parts and components not produced or provided by the Chery Automobile Co., Ltd.

**Hint:** To ensure the proper operating condition of this vehicle, the owner shall use the parts and components (genuine spare parts) provided by the Chery Automobile Co., Ltd. and the Chery's special service station will offer you the genuine spare parts purchasing service.

3) The Chery Company will not be responsible for any direct or indirect damage caused due to the refitting or additional installation of various equipment by the owner himself/herself, especially the refitting or additional installation of such system

## Capacity and Specification Parameters

involving the product safety as electrical, braking, steering and other systems.

4) Faults caused due to no routine examination or regular maintenance conducted as required, or the examination, repaired and maintenance conducted by the service station other than the Chery's special service station.

**Hint:** To ensure the proper operating condition of this vehicle, the owner has the responsibility to conduct the necessary examination, repair and maintenance. For example, the engine oil

has the crucial functions such as lubricating, cooling the engine, rust prevention and etc.



## Capacity and Specification Parameters

The engine oil in service will be gradually contaminated, corroded or degenerated. So if you still continue to use such engine oil for a long time, it may burn out the engine. And for this kind of fault caused due to the shortage of proper examination and maintenance, the Chery Company will not be liable for the warranty service.

This instruction manual specifies the necessary maintenance items. After such items are executed, please record the results in this instruction manual, and keep it carefully. When accepting warranty service, you must bring forth this instruction manual.

5) Severe failures result from the problems that owner should have discovered and handled, but ignored. **Hint:** For example, during the routine inspection, it has been found that engine oil warning light gives an alarm, or the driver feels something abnormal (noise, vibration) while the vehicle has not been overhauled in time and continues in service till severe failure occurs.

6) Faults caused due to the use of products other than the genuine spare parts and specified grease (including engine oil, brake fluid, transmission oil, and fuel).

**Hint:** The prerequisite for this warranty is to properly use the genuine spare parts and specified grease so as to ensure the normal operating of the vehicle. So, if the non-genuine spare parts is used, or they are genuine spare parts but not applicable to this vehicle, or the grease not specified in the instruction manual is employed, all of these may make an influence on the vehicle's original performance and decrease its durability.

For example, the oil cleaner not specified by Chery Company is utilized and then it result the cleaner jammed and the bearing burnt.

7) Faults caused due to the malfunction of the vehicle and improper use of the Instruction Manual or due to the overuse of the vehicle that exceeds the vehicle's capabilities specified in the specification (the vehicle travels as a racing vehicle with the overload, the engine overload, excessive loading capacity, passenger overload, excessive driving speed, etc).

**Hint:** The malfunction of the vehicle and improper use of the Instruction Manual or due to the overuse of the vehicle that exceeds the vehicle's capabilities specified in the specification are mainly as follows:

For example:

- ◆ Faults caused due to driving at harsh area or racing.
- ◆ Overloading or excessively pressing chassis spring.
- ◆ Engine failure caused due to the operation with overload, and the excess of the transmission limit specified in the Instruction Manual when the vehicle travels at high speed.

**2. The following symptoms cannot be deemed as faults, without the warranty.**

## Capacity and Specification Parameters

1) The symptoms caused due to the wear or the long period of service time. (Natural fading or degeneration of painted surface, plating surface, resin parts and etc.)

**Hint:** Among the parts consisting of an automobile, some of them (such as clutch disc) are subject to be continuously worn with the driving and repeated operating.

In addition, the brake lining and

other parts which implement its function by wearing itself, those consumptive parts for daily running, and the grease such as engine oil or cooling water which plays the role of lubricating and cooling function, will be substantially consumed and degenerated with the traveling of vehicle. The paint surface of exterior plate and the interior instrument panel surface would gradually tarnish and slowly fade.

The consumption generated due to daily running and operating as well as the fading symptom will not be covered by the Warranty.

2) In general, those perceived occurrences that will not affect the vehicle quality and functions. (the operation feel, noise and etc)

**Hint:** Noise and vibration sometimes are caused by abnormal vehicle's condition while it is possible that normal operation also causes noise and vibration occasionally. In this case, the vehicle's quality and function have no problem. For instance, the

## Capacity and Specification Parameters

noise caused when the brake pedal is stepped on mostly comes from friction (usually called the braking noise) while it is not the functional problem.

### **3. The following faults caused due to the exterior reasons are not the material and manufacturing problems, without the warranty.**

1). Faults caused due to the exterior reasons such as coal smoke, medicine, bird droppings, oil, acid rain, gravel, scrap iron, ash falls, salt and etc.

**Hint:** Faults caused due to the exterior reasons such as glass broken by splashing gravels during traveling, compartment scratched, paintwork fading resulted due to the bird dropping or acid rain attaching.

2) Faults caused due to the natural disaster such as earthquake, strong wind, flood and fire or other accidents.

### **4, The Chery Company will not be liable for the expenditures in case of the following conditions:**

1) Some parts of the vehicle are the wearing parts, such as: friction lining, wiper blade, spark plug, cleaner, tire, bulb, lubricating oil (grease), brake fluid, low power battery, engine coolant, power steering fluid, oil. The costs generated due to the normal consumption of these parts and the expenditures caused by the replacement and supplement of grease or oil.

**Hint:** The wearing parts and grease will be consumed and degenerated along with daily driving. Owners themselves pay for the cost for such kind of products' replacement and supplement.

2) Expenditure for the overhaul and regular replacement of parts and components specified by the Chery Company.

(Except for the items which its first inspection cost is for free)

**Hint:** The consumption and degeneration will be inevitable during the course of the use of the vehicle. So, the proper overhaul and daily/regular inspection must be done on schedule according to the service condition.

3) Expenditure for your vehicle repaired in the other service station other than the Chery's special service station.

The Chery Company will not pay for repair in the other service station other than the Chery's special service station.

4) The expenditure generated by normal inspection and adjustment (fuel consumption, CO content, lighting, inspection and adjustment of four-wheel calibrating mechanism, dynamic balance of tires, and etc.).

### **5. Additional Expenditure**

The economic loss or additional expenditure caused due to the vehicle failure to be employed is not covered by the quality warranty. For instance, it includes:

- The economic loss and time loss caused due to the vehicle failure to be used

## Capacity and Specification Parameters

- The expenditure for the storage of the vehicle
- The expenditure for the rent or lease of the vehicle
- The expenditure for the accommodation, food or other items
- Other related loss

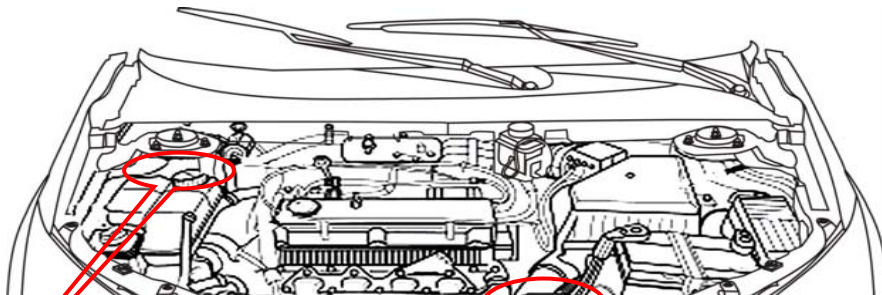
Spare parts warranty

## **Capacity and Specification Parameters**

## **Capacity and Specification Parameters**

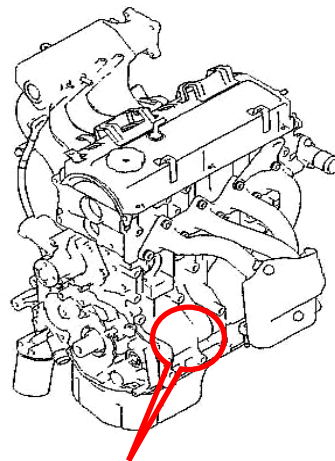
### Chapter 13 Capacity and Specification Parameters

#### Vehicle Identification Description



## Capacity and Specification Parameters

### Engine Number



The engine number of Chery V525 vehicle is located on the top of cylinder body at the exhaust side of engine, as shown in the figure above.

### VIN

The VIN code of Chery V525 vehicle is printed on the side surface of wheelhouse behind the expansion tank. (As shown in the figure above) .



## Capacity and Specification Parameters

### Vehicle Profile Plate



The vehicle profile plate of Chery V525 vehicle is located at the rear right side of front grille (shown in the figure above).

### Fuel

#### Fuel tank capacity:

Gasoline engine: **61 L**

The high quality fuel with the fuel grade below and detergent and other additives is available only. The low grade of fuel may damage the engine.

If it is difficult to buy the high quality fuel with additives or when the engine has such faults as start difficult, unstable idle speed, power down and etc, the proper additives shall be added in case of refueling. The fuel additives can prevent the engine from corrosion and encrustation and clean the fuel system.

The Chery's special service station has the fuel additives authorized by the Chery Company, and the operators in the station are familiar with the use of the additives and the engine encrustation treatment method, and offer you the best service with all our heart.

The fizzle sound can be heard when the filler cap opens. This is a normal phenomenon.

#### **93# or above unleaded gasoline (octane value: 93 or above)**

The unleaded gasoline of below 93# grade is unavailable to be used. Otherwise, it may damage the engine, without the warranty.

The vehicle equipped with the catalytic converter uses the unleaded gasoline only.

To prevent the event that the improper grade of gasoline is refueled, the fuel tank adopts the constriction type filler opening design. Only the fuel gun for the unleaded gasoline can insert into the filler opening.

## Capacity and Specification Parameters



Please DO NOT use the additives or engine treating compound unauthorized by the Chery Company. These additives are not only unnecessary, but also may damage the engine in certain cases, without the warranty.



If you by accident refuel the leaded gasoline into the fuel tank, DO NOT start the engine (even if a few of leaded gasoline is refueled only). Otherwise, the lead contained in the fuel will cause the permanent damage of the catalytic converter. It is recommended to immediately contact the nearest Chery's special service station.

### Engine oil

#### Replace the engine oil

The model of engine oil model recommended by the Chery Company is:

SAE 10W/30 engine oil. Your vehicle's engine is designated to use this kind of engine oil. To obtain the best performance, please use the gasoline according to this provision of regulation.

#### Refill the engine oil

The Chery's special service station will keep the oil-change records and use the recommended engine oil. The refilled oil shall be below the MAX mark on the dipstick.

For the detailed recommendations or information are required, the Chery's special service station will be pleased to help you.



Please DO NOT use the engine oil which doesn't conform to the specifications and requirements above. The improper engine oil may damage the engine, without the warranty.

### Vehicle Fluids

Please replace the fluids according to the time interval specified in the Maintenance Manual.

#### Transmission oil

##### Automatic transmission

The automatic transmission oil shall be ATF SP3 synthetic gear oil, with the capacity of 6.5L. The other additives are unallowable to be added into the lubricating oil.

## Capacity and Specification Parameters

### Power steering oil

The hydraulic oil conforming to the Chery's specifications is available. The Chery's special service station has the Chery's original fluids.

### Brake fluid and clutch oil

The Dot 4 brake fluid is available. Refill to the MAX mark as required. The brake fluid without paraffin is available only.



In case of heavy load (such as it tows a tail vehicle, travels on the mountain road for a long time), replace the brake lining

and brake fluid at the same time. Ensure that the brake fluid must be clean when the fluid is refilled. The entrance of any foreign material into the brake system may result in the deprivation of braking performance.

### Coolant

Please use the coolant conforming to the Chery's specifications. The Chery's special service station has the Chery's original fluids.

### Windscreen cleaning fluid

Fill up the reservoir with the concentrated windscreen cleaning fluid

and water (1:20) specified by Chery Company. If the exterior temperature is low, use the windscreen cleaning fluid for winter.

For the proper concentration, please refer to the instructions on the container.

DO NOT dispose of the empty/waste oil container and cleaner as household waste. Please use the local authorized waste disposal facilities.



## Capacity and Specification Parameters

### Weight



Please stick to the load specified in the Manual (if applicable). DO NOT exceed the allowable gross weight, otherwise it may result the change of braking and manipulating performance, and cause an accident.

The kerb weight means the weight in case of travel, including the coolant, lubricating oil, fuel tank up to 90%,

### Mass Parameters

tools, spare wheel and the driver's

weight (75 Kg).

The payload is the subtraction of the kerb weight from the allowable gross weight.

The optional fittings and subsequent additional equipment will reduce the payload.

| Capacity (L)                          |            |
|---------------------------------------|------------|
| Engine oil<br>(Including the cleaner) | 4.0L±0.5 L |
| Automatic Transmission                | 6.5L       |
| Power assisted steering               | MAX mark   |
| Cooling system                        | 7.5L       |
| Windscreen cleaning system            | MAX mark   |
| Fuel Tank                             | 61L        |
| Brake fluid/clutch oil reservoir      | MAX mark   |

## Capacity and Specification Parameters

| Model  |                  | SQR6470 |
|--|------------------|---------|
| Complete vehicle kerb mass      kg   |                  | 1505    |
| Complete vehicle<br>kerb axle-load mass                                    | Front axle    kg | 882     |
|  | Rear axle     kg | 623     |
| Maximum manufacturer's laden mass<br>(passenger inclusive)              kg |                  | 525     |
| Maximum manufacturer's total mass<br>kg                                    |                  | 2030    |
| Axle-load mass at<br>maximum<br>manufacturer's total<br>mass               | Front axle    kg | 1006    |
|  | Rear axle     kg | 1024    |
| Maximum<br>allowable<br>manufacturer's<br>axle-load mass                   | Front axle    kg | 1150    |
|  | Rear axle     kg | 1200    |
| Number of passenger (driver inclusive)<br>person                           |                  | 7       |

## Capacity and Specification Parameters

### Wheel and Tire

#### Tire pressure

Before your journey begins, check the tire pressure (cold state)  
(DO NOT forget to check the pressure of spare tire).

#### Tire pressure (cold tire) (kPa)

| Tire        |                   | Tire Pressure (kPa) | Spare tire |
|-------------|-------------------|---------------------|------------|
| Front Wheel | No-load/half-load | 210                 | 250        |
|             | Full load         | 220                 |            |
| Rear Wheel  | No-load/half-load | 220                 |            |
|             | Full load         | 230                 |            |

#### Precautions on tire pressure

- Check the tire pressure at least once every a month, especially when the vehicle travels at high speed.

- The value of pressure listed in the table above is suitable for the cold-state tire. The pressure will increase somewhat after it is heated, but it is unnecessary to reduce the pressure.
- If the winter tire is available, the value of pressure listed in the table above shall increase by 20Kpa.
- To offer you the convenience to search the specified value of inflation pressure, there is a self-adhesive label attached to the inner side of fuel filler cover, which indicates the specified value of tire pressure.

#### Tightening torque of wheel bolt

The tightening torque of wheel bolt is 110±10 Nm.

#### Wheel

| Tire          | Wheel Rim |
|---------------|-----------|
| 205/55R16×91W | 6J×16     |

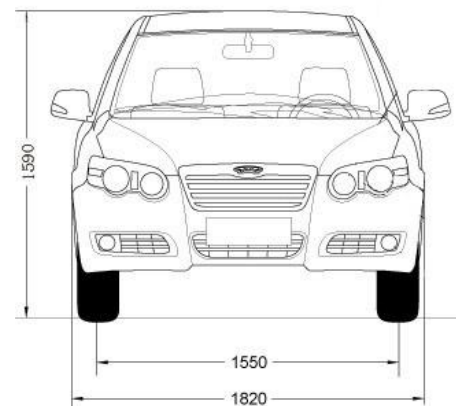
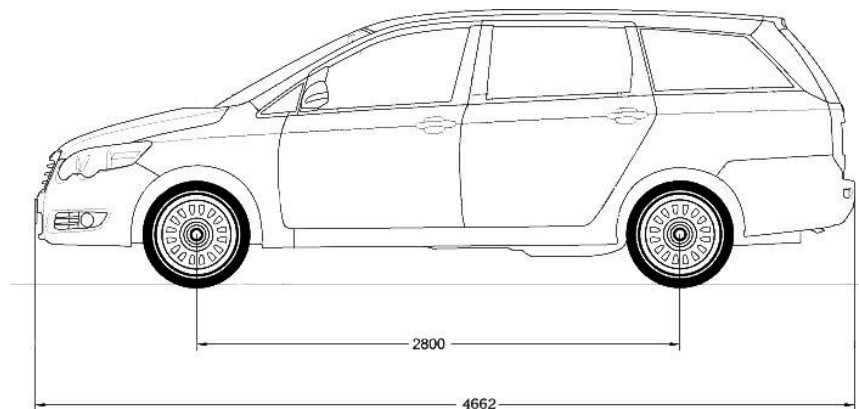
## Capacity and Specification Parameters

| <b>Engine Information</b>       |   |
|---------------------------------|---|
| Model                           | 4G64S4M   |
| Type                            | Vertical four-cylinder, four-stroke, water cooling, overhead camshaft, 16 valves, transverse mounted, and multipoint sequence injection |
| Cylinder Diameter    mm         | 86.5  |
| Piston Travel        mm         | 100   |
| Displacement        ml          | 2,350   |
| Compression Ratio               | 9   |
| Rated power (net power)<br>kW   | 95  |
| Rated RPM    r/min              | 5,500   |
| Max. Torque    N.m              | 198   |
| Max. Speed    r/min             | 3,000   |
| Min. Fuel Consumption<br>g/kw.h | 260   |

\*\* The adjustment or check begins only more than 5 minutes after the engine stops operating.

## Capacity and Specification Parameters

### Vehicle Dimension





## Capacity and Specification Parameters

| Item                            |       | Dimension (mm) |
|---------------------------------|-------|----------------|
| A=Length (Max.)                 |       | 4662           |
| B=Width                         |       | 1820           |
| C=Height (Kerb Weight)          |       | 1590           |
| D=Wheel Base                    |       | 2800           |
| E=Wheel<br>Tread                | Front | 1550           |
|                                 | Rear  | 1535           |
| Ground Clearance (at fuel tank) |       | $\geq 125$     |



### Chapter 14    Automobile Product Defect Report Guide

## Automobile Product Defect Report Guide

### ● What's defect?

According to *China Defect Automobile Product Recall Regulation* (hereinafter referred to as "the Regulation"), the "defect" product to be recalled has the following three conditions:

- ◆ threat to the safety of human life and properties, and unconformable to the technical laws and regulations and national standards related to the safety of vehicle;
- ◆ with the identity, i.e., the defect universally exists in the a certain batch, model or catalog of products and it isn't a individual case;
- ◆ caused due to the design, manufacturing and other reasons. The fault created due to the improper use and maintenance is not a defect.

### ● What's recall?

Recall means the process to eliminate the product defect, which may cause the personal injury and property loss, by the defect automobile manufacturer (including importer) selecting the repair, replacement, recovery and other methods in

accordance with the procedures required in the Regulation.

### ● What are the principles to determine the automobile product defect?

- ◆ The product which the safety performance doesn't conform to the technical laws and regulations and national standards related to the safety of vehicle after it is inspected by the inspection institution (with the qualification certificate approved by China executive mechanisms concerned);
- ◆ The product which already cause the damage of human life and properties due to the defect of design and manufacturing;
- ◆ The product which its defect sill cause the damage of human life and properties in case of special condition after the vehicle is tested, experimented or demonstrated, although it doesn't result the damage of human life and properties of owner or other persons.

### ● What defect may make an influence on the safety?

The form of defects which make an influence on the safety is very complex Samples below:

- ◆ The steering system component may break suddenly, which causes the vehicle is partly or fully out of control;
- ◆ The braking performance fully or partly miss;
- ◆ The fuel system component failure, and, in particular, it may result the fuel leakage and fire disaster when impacting;
- ◆ Unreasonable tire design or structure may result the tire blows out and the vehicle is out of control;
- ◆ The wheel may break or get loose, which result the vehicle is out of control;
- ◆ The accelerator pedal control mechanism may break or is clamped;
- ◆ The engine fuel or ignition switch failure may cause the engine to extinguish or the fire disaster;
- ◆ The engine cooling fan blade may break suddenly, which makes the professional other people injured;
- ◆ The windscreen wiper arm may

## Automobile Product Defect Report Guide

fall down during working;

- ◆ The seat or seat backrest catch some sudden troubles during the vehicle is traveling;

- ◆ The key components may break suddenly or fall down, which result the vehicle is out of control or the professional or other people is injured;

- ◆ The circuit system failure may result the fire disaster or the lamp not light;

- ◆ The jack or lifter may break down, which result the death or injury of operator;

- ◆ The air bag swells in the case that it shall not swell.

For the other vehicle quality problems apart from the safety defect, the State encourage the manufacturers to recall these fault vehicles according to the procedures provided in the Regulation. In general, the following fault can't be considered as a safety defect:

- ✧ Audio system failure;

- ✧ Paint quality or garnish blemish.

### ● Report and Complaint

According to the related provision of the Regulation, the owner has the right

to complain or reflect the defect of automobile product to the administrative departments in charge and operators concerned, and submit the recommendation, which the related investigation on the defect product recall is developed, to the administrative departments in charge.

The “problems” reflected by the owners are the important clues which are used by the administrative departments in charge and vehicle manufacturers to determine whether the vehicle has defect(s). So, If you find that the vehicle may have defect(s), you shall actively complain or report it.

- ◆ Immediately report the details of a problem to the Defect Product Management Center of the General Administration of Quality Supervision, Inspection and Quarantine of P. R. of China, and search whether the manufacturer has already implemented the recall of the defect product. For more information, please contact:

**URL: [www.qiche365.org.cn](http://www.qiche365.org.cn)**

**E-mail: [zhaohui@qiche365.org.cn](mailto:zhaohui@qiche365.org.cn)**

**Telephone: 86+10 6553 7365**

**Fax: 86+10 6552 7365**

**Address: Room 1061, Xinzhong**

**Building, N0 2, Xinzhong West Street, Dongcheng District (100027), Beijing, China.**

- ◆ Apart from reporting to the Defect Product Management Center, the owner also shall report this problem to the vehicle manufacturer concerned. For the specific contact method, see the attached documents of the vehicle manufacturer.

### ● Report (Complaint) Preparation

#### ◆ Certificate number

The certificate number of the complainant is very important when the identity of owner and the recall notification are determined. Please provide the certificate number of the owner when sends the complaint. The requirements to fill out the number are as follows:

- ✓ If the owner is a natural person, fill out the number of ID card or passport in the Certificate Number column;

- ✓ If the owner is an enterprise or institution, fill out the code of the enterprise or institution or the code of legal person

## Automobile Product Defect Report Guide

(organization code).

### ◆ VIN

VIN is the abbreviation of Vehicle Identification Number. It is a group of characters given in order to identify a vehicle. The VIN has become the unique “ID Card” to identify a vehicle worldwide.

The VIN of a vehicle includes the vehicle’s manufacturer, production date, model, type of body, and the detailed information of engine and other equipment. With the VIN, it is very convenient to determine the vehicle’s production lot and its main configuration. To enable the government’s administrative departments in charge and the vehicle manufacturer to rapidly find the defect, the owner must provide an accurate VIN when he/she complains.

In general, the owner can find out the VIN from the following positions:

- ✓ the left (right) front side of the instrument panel, under the windscreen;
- ✓ the “frame number” registered in the Driving Permit for the Motor Vehicle, which is generally VIN;
- ✓ the body number plate, such as

some number plates in the engine compartment.

**Reminder: If you find that the vehicle may have defect, please fill out the form below, and then mail to the Defect Product Management Center according to the address provided in the “Report and Complaint” above.**

# Automobile Product Defect Report Guide

## The owner's Report on Automobile Product Defect

(The copied form is as valid)

### 1. Owner information

|                                       |  |                            |  |
|---------------------------------------|--|----------------------------|--|
| <b>Name<br/>(Enterprise<br/>Name)</b> |  |                            |  |
| <b>Certificate<br/>Number</b>         |  | <b>Contact<br/>Person※</b> |  |
| <b>Address</b>                        |  |                            |  |
| <b>Postal Code</b>                    |  | <b>E-mail</b>              |  |
| <b>Telephone</b>                      |  | <b>Fax</b>                 |  |

Note: If the owner is a natural person, fill out the number of ID card or passport in the Certificate Number column; and if the owner is an enterprise or institution, fill out the code of the enterprise or institution or the code of legal person.

## Automobile Product Defect Report Guide

### 2. Vehicle information

|                             |  |                             |                   |
|-----------------------------|--|-----------------------------|-------------------|
| <b>Make of Vehicle</b>      |  |                             |                   |
| <b>Type</b>                 |  |                             |                   |
| <b>Year</b>                 |  | <b>Model</b>                |                   |
| <b>Engine No</b>            |  | <b>Frame No</b>             |                   |
| <b>VIN Code</b>             |  |                             |                   |
| <b>Type of Vehicle※</b>     |  | <b>Type of Body※</b>        |                   |
| <b>Production Date</b>      |  | <b>Purchase Date</b>        |                   |
| <b>Road Mileage※</b>        |  | <b>Second-Hand Vehicle?</b> | <b>A.Yes B.No</b> |
| <b>Engine Displacement※</b> |  | <b>Number of cylinders※</b> |                   |
| <b>Type of Drive※</b>       |  | <b>With ABS? ※</b>          | <b>A.Yes B.No</b> |
| <b>Type of Seat Belt ※</b>  |  | <b>Type of Air Bag※</b>     |                   |

Note: ※ Not filled out.

Type of Body means: two-door, four-door, station wagon, goods vehicle, van and etc.



## Automobile Product Defect Report Guide

Type of Drive means: front-wheel drive, rear-wheel drive, or four-wheel drive.

### 3. Vendor information

|                        |  |               |  |
|------------------------|--|---------------|--|
| <b>Enterprise Name</b> |  |               |  |
| <b>Address</b>         |  |               |  |
| <b>Year</b>            |  |               |  |
| <b>Postal Code</b>     |  | <b>E-mail</b> |  |
| <b>Telephone</b>       |  | <b>Fax</b>    |  |

### 4. Defect description

The system in which the defect exists (such as: braking system, steering system and etc) and description concerned:

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### 5. Status when the defect is found

Date:

Road Mileage:

Speed:

Others: \_\_\_\_\_

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## Automobile Product Defect Report Guide

6. Whether or not you contact the manufacturer or the State's administrative department in charge of the recall of defect product:

A.Yes

B.No

7. Traffic accident description

Whether or not the collision or fire occurs: \_\_\_\_\_

Which air bag it explodes: \_\_\_\_\_

Number of Injuries and Deaths: \_\_\_\_\_

Estimated direct economic loss: \_\_\_\_\_

Others: \_\_\_\_\_

8. Tire problem description (if applicable): \_\_\_\_\_

The Owner (Stamp)

Date

# Emergency Maintenance Guide

## ● Defect Report Description

To enable your defect report to be quickly handled, it is recommended that the owner complains online via the network (refer to the “Report and Complaint” in this guide). The items of online complaint are the same as those of the complaint filed through correspondence, and the effect gained is also the same. The details of complaint form are described as follows:

### ◆ Owner information

- \* Name, telephone, address and other items must be accurately filled out. These information will be used as the important basis of the recall notification;
- \* If the owner is an enterprise or institution, fill out the code of the enterprise or institution or the code of legal person (organization code).

### ◆ Vehicle information

- \* Fill out in detail the Make of Vehicle, Model, VIN(Frame Number), Engine No and Production Date. The related information can be found from the vehicle nameplate and vehicle certificate and other materials;
- \* If it is a second-hand vehicle, it shall be stated;
- \* The items indicated with the symbol “※” may not be filled out.

### ◆ Defect description

- \* State in detail the fault of the vehicle, and provide the service station with the method to remove the fault.
- \* Provide the “List of Items to Be Repaired” or photos to additionally state the fault, if necessary.
- \* If you know that the fault ever occurred on the other vehicles (e.g., you found the fault vehicle in some one service station or you know the information via the other channel), it is recommended to provide the related information.

## ● Frequently Asked Questions

### ◆ Whether the automobile recall means the “rejection”?

The automobile recall is unequal to rejection.

The automobile recall means the process to eliminate the product defect, which may cause the personal injury and property loss, by the defect automobile manufacturer (including importer) selecting the repair, replacement, recovery and other methods in accordance with the procedures required in the Regulation.

## Emergency Maintenance Guide

So, the automobile recall is unequal to rejection. Just the reverse, viewing from the overseas experience, a majority of recall can be solved using the methods such as the repair for free or parts and components replacement and etc.

When it is found that the product needs to be recalled, the manufacturer concerned will establish the technical solution to eliminate the defect according to the specific condition of the defect. In general, the problem can be solved using the repair or parts replacement, and the complete vehicle recall is a rare event. To encourage the manufacturer to actively remove the safety defect and guarantee the security of the whole society, all of owners shall objectively, rationally consider any recall of vehicle, and get to the service station specified by the manufacturer to have your vehicle repaired for free A.S.A.P. after you receive the recall notification or see the announcement.

### ◆ Is the quality of product from the manufacturer which is conducting the automobile recall poor?

Not think so.

An automobile is a very complex product, which involves thousands of parts and components. What's more, these parts and components are produced by hundreds of factories concerned, and the service environments of automobiles are different. Although any automobile manufacture has the very strict quality control system and also throws a lot of human resources and capitals, some problems to interfere with safety occur inevitably during the design and manufacturing. For instance: the unreasonable arrangement of pipeline or circuit may result the interference or wear during the course of motion, the low or over-high ambient temperature may cause the poor working of valve or the breakage of shaft, the sensor failure may result the sudden extinguish of the engine, tire failure and etc. So, it is difficult to avoid that a few of vehicles have somewhat safety defect, and, in general, it has no inevitable relation with the automobile manufacturing level and the product quality. The defect can be magnificently removed and the safety of owner and society can be guaranteed as long as the manufacture finds the defect in time and then take some measures to recall the vehicles concerned.

The products are immediately recalled when the product defect is found. It is the representation of a manufacturer responsible for the products and customers, and the credit and strength of the manufacture.

On the basis of the analysis on a majority of recall records of other nations and regions, it is found that almost all of automobile manufacturers issue some recall announcements every year. Some are the worldwide well-known automobile manufacturers. But, these automobiles still are highly appraised and selected by many customers who don't doubt the quality of these products.

### ◆ What shall I do when I find the automobile has quality problem?

## Emergency Maintenance Guide

The “problems” reflected by the owners are the important clues which are used by the administrative departments in charge and vehicle manufacturers to determine whether the vehicle has defect(s). So, If you find that the vehicle may have safety defect(s), you shall take the following measures:

- 1) Get to the service station specified by the manufacturer A.S.A.P. to have the vehicle diagnosed and repaired.
- 2) Immediately report the details of this problem to the Defect Product Management Center of the General Administration of Quality Supervision, Inspection and Quarantine of P. R. of China (refer to “Report and Complaint”), and search whether the manufacturer has already implemented the recall of the defect product.
- 3) Apart from reporting to the Defect Product Management Center, the owner also shall report this problem to the vehicle manufacturer concerned.
- 4) If this model of vehicle is being recalled, you shall drive your vehicle to the location specified by the manufacturer A.S.A.P. and then the manufacturer will eliminate the defect for free according to the specific condition of the problem.

### ◆ Can I require the manufacture to recall my automobile if it has some problems?

According to the Regulation, the “defect” means the unreasonable hazard which may endanger the safety of human life and properties, due to the design, manufacturing and other reasons, and universally exists in some one batch, model or catalog of automobile products, with the identity, or the case that the products don’t conform to the national standards related to the safety of vehicle.

It is observed that one of important factors which makes an influence on the recall is the “universality” of problem. So, if only one vehicle has the quality problem which may make an influence on the safety, it is difficult to determine whether the vehicle is within the recall range.

However, when the owner meets this kind of problem, he/she shall actively complain it to the Defect Product Management Center and the manufacturer concerned, and provide them with the details of the problem. We actively complain, and then the State’s administrative departments in charge and the automobile manufactures determines whether there is the “universal” defect according to a majority of complaint information. In this case, it can be determined A.S.A.P. whether the automobiles shall be recalled to guarantee the owner’s benefit and the public safety.

So, the automobile recall requires your active participation and the whole society’s cooperation. In addition, please fill out your detailed, accurate contact method when complaint in order to notify you in time when the recall begins!

### **Chapter 15   Emergency Maintenance Guide**

# Emergency Maintenance Guide

## Emergency Maintenance Guide

|                       |   |
|-----------------------|---|
| Model:                | First Emergency Contact Person:               |
| License Plate Number: | Second Emergency Contact Person:              |
| Name of Owner:        | Insurance Company:                            |
| Address of Owner:     | Telephone of Traffic Police:                  |
| Telephone:            | Name of Chery's special service station:      |
| Blood Type:           | Telephone of Chery's special service station: |

## Emergency Maintenance Guide

### First Vehicle Concerned

Make of Vehicle \_\_\_\_\_ Color \_\_\_\_\_ License Plate Number \_\_\_\_\_ Driver Name \_\_\_\_\_

Driver Address \_\_\_\_\_ Driver Phone \_\_\_\_\_

Driver's Insurance \_\_\_\_\_

Owner's Detailed Information (if different) \_\_\_\_\_

### Witness

Name \_\_\_\_\_

Address \_\_\_\_\_

### Traffic Police

Number of ID card of police on site \_\_\_\_\_

Any statement or not? \_\_\_\_\_

### Victim

Name \_\_\_\_\_

Address \_\_\_\_\_

Does any driver receive the warning sheet or traffic ticket? \_\_\_\_\_



## Emergency Maintenance Guide

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| Sketch |  |  |  |  |  |  |  |  |  |

The position of vehicle before and after an accident occurs

- Travel direction and speed
- Slip traces
- Where does the witness live?
- Road name and its width, curvature and gradient
- What direction is the North?
- Any barrier within the reach of eyesight

**Status (Delete as appropriate)**

- Weather: Dry/moist/rainy/snow/ice
- Visibility: good/obscurant/foggy/snow
- Road surface: Dry/wet/grease/mud/ice/snow
  - To Record
  - Traffic movement: Few vehicles/normal/crowd

# Emergency Maintenance Guide

## General

Under the crowded road and disordered traffic conditions, the ratio of traffic accident occurrence is considerably high. However, the quantity of serious injured has decreased greatly due to the use of seat belt during driving. No matter how care you are, it is always possible to catch a traffic accident. The inconvenience resulted in numerous accidents is even much worse than the injured. In this case, only few people know how to do. This is the reason why we shall compile this chapter. We hope you are not required to read this chapter at all times. But, if required, you will find it is extremely useful. Please remember that it is now that you read this manual, other than the

moment when an accident happens. For the sake of safety, why not take some times to read it carefully so as to save your precious rescue time while you catch a traffic accident.

If your Chery vehicle is damaged accidentally and you want to have it repaired as soon as possible, the best choice is to get to the Chery's special service station.

## Make the best of your the Chery's special service station

If your Chery vehicle is damaged due to a traffic accident and required to be repaired, the best is to give it to the Chery's special service station. This is because there are many convincing

reasons, and, here, some reasons are listed below:

## Professional Knowledge

Who can know the Chery automobile more than the Chery's special service station? There are the comprehensive and professional maintenance techniques and knowledge in the Chery's special service station, which are able to ensure the maintenance process conforms to the Chery's standards. The Chery's special service station combines the service and the maintenance process to ensure the body maintenance can get the best protective effect, and the service station can implement the Chery's warranty work (if this item is suitable for your vehicle).

## Emergency Maintenance Guide

### Quick acquisition of Chery's genuine parts

There are a great number and various models of Chery's genuine parts in your Chery's special service station, which can reduce the time of waiting for genuine parts during maintaining. If there are no stock parts, you can also order them directly from the Chery Company, and the ordered parts will be quickly delivered to you. The Chery's special service station utilizes the replacement parts certificated by Chery Company, the quality of which is warranted by the Chery Company and the same as the high quality of original parts of your vehicle. It is difficult to guarantee the quality of maintenance if the non-genuine parts are used..

### High-quality maintenance

Each Chery's special service station is equipped with the special clamps and tools for the body to ensure the accuracy requirement of major maintenance items and make your vehicle operate safely after the completion of the maintenance, without the worry about the turn characteristics abnormal or the tire over-worn. What's more, a majority of mechanical maintenances conducted by the Chery's special service station are accompanied by the life warranty, which is a much favorable for our customers.

### Professional paint repair

It is surely that you must not like a vehicle with two colors. When the staff of the Chery's special service station

implements the paint repair, they will make the color of paint the same as the original one. Meanwhile, you will find that the Chery's special service station can be able to handle the multi-painted baking paint into the durable high luster finish.

### Full warranty

Your Chery's special service station is a local reputable company. This is the reason why the body maintenance conducted by the Chery's special service station can get a full warranty.

### Antirust treatment

The comprehensive and strict antirust treatment is applicable for any new Chery automobile during manufacturing, including the special

## Emergency Maintenance Guide

bottom protection and the waxing treatment of the positions sealed. The staffs of the Chery's special service station have taken the complete series of antirust treatment training. They have the proper materials and equipment, which ensures that the antirust treatment can be updated after the completion of the body maintenance to make your Chery vehicle still like a new one several years later.

### **Your Chery's special service station hopes to meet you again!**

Finally, The best action that you trust your Chery's special service station is to make your Chery's special service station meet you again. It means that your Chery's special service station

hopes you to get to the service station for the maintenance and replacement of parts and accessories other than the body maintenance after an accident. Even when you change a new Chery vehicle, your Chery's special service station still can offer multiple services, apart from the body maintenance. We hope you to make a good use of this service.

### **First aid**

Every Chery vehicle is equipped with a first-aid kit onboard. Meanwhile, any driver should be required to have basic first-aid knowledge. The best way to gain this kind of knowledge is to attend the first-aid training courses held by the first-aid organization. However, the following precautions are the main

guidance to take the first-aid measures.

- You may be the first witness of a traffic accident and your action may rescue a person's life. The best preferential thing is to ensure your own safety and protect the site.
- Take action quickly, but keep your head.
- Completely stop the vehicle, turn on the hazard warning flasher light to give an alarm to the passing vehicle.
- Turn off all on-vehicle switches.
- Keep everyone no smoking to avoid firing the splashed gasoline.

## Emergency Maintenance Guide

### Emergency call

- Send one person to report the traffic accident to police, and, call the ambulance at the same time.

### Care for the injured

- Do not move any serious injured unless they are in dangerous (e.g. the automobile catches fire).
- Treat the unconscious injured firstly. And if the injured can talk or breathe, we may treat them latter.
- Ask the quantity of passengers in the automobile.
- Confirm the injured who are unconscious or difficult to breathe.

### If the injured stop breathing

- Remove the artificial teeth, chewing gum and anything that may disturb the breathing from the injured.
- Lift up the jaw of the injured and tilt his/her head backwards to make breath smoothly.
- If the injured cannot breathe yet, hold his nose and implement the mouth-to-mouth resuscitation with the normal breath frequency. Blow abundant air to swell the chest of the injured and then move away your mouth to let the chest down. Repeat this action until the injured starts to breathe.
- For children and infants, let your

lip around their nose and mouth and blow softly.

- Do not give up. Never hold the attitude that the injured is dead. Continue to implement the mouth-to-mouth resuscitation until the ambulance arrives.

### Bleeding

- Press the wound. For example, press the wound with your thumb to stop the serious bleeding. Do not waste time to dress the wound, which can be done later.

### DO NOT move the injured

- Do not move the injured unless it is absolutely necessary. Otherwise, you may make the wound worse.
- If it is necessary to move the

## Emergency Maintenance Guide

unconscious injured, you must make the neck of the injured get enough support.

live until the rescue comes if you obey these instruction

- Use any covering available, such as jacket and etc, to cover the injured to keep the temperature of their body. DO NOT give them food or beverage.
- If you have to move the injured for the sake of their safety, place them with the prone posture. Otherwise, keep their original posture.
- Talk with the injured in the assuasive tone to make the hysterical injured calm down.

### Remember

- The injured may die within 3 minutes, but you may keep them

## Emergency Maintenance Guide

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**The Chery Automobile Co., Ltd. reserves the rights to modify the Chery Automobile Instruction Manual, and the items to be modified are subject to change without notice. Thank you for your unders**

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## **Emergency Maintenance Guide**